DOCUMENT RESUME

ED 376 861 IR 055 362

| | |
|---|---|
| AUTHOR | Lankard, Bettina A. |
| TITLE | Your Guide to ERIC. |
| INSTITUTION | ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio. |
| SPONS AGENCY | Office of Educational Research and Improvement (ED), Washington, DC. |
| PUB DATE | 94 |
| CONTRACT | RR93002001 |
| NOTE | 199p. |
| AVAILABLE FROM | Publications, Center on Education and Training for Employment, 1900 Kenny Road, Columbus, OH 43210-1090 ($30--includes Quick Search Cards; $5--Set of Quick Search Cards; add $3.50 minimum shipping and handling; orders of under $10 must be prepaid). |
| PUB TYPE | Guides - Non-Classroom Use (055) -- Information Analyses - ERIC Clearinghouse Products (071) |
| EDRS PRICE | MF01/PC08 Plus Postage. |
| DESCRIPTORS | *Databases; Educational Objectives; Evaluation Methods; *Instructional Materials; *Online Searching; Online Systems; Printed Materials; Programmed Instructional Materials; Reference Materials; *Search Strategies; Selection; Teaching Guides |
| IDENTIFIERS | DIALOG OnDisc; *ERIC; SilverPlatter ERIC |

ABSTRACT

This ERIC curriculum package is intended to help people use the ERIC database, and may be used in a workshop setting under the guidance of a trainer or independently by individuals who want to learn about the ERIC system and how they can search the database and use its contents and services. The package consists of the following parts: (1) a self-instructional guide with four learning modules; (2) a set of transparencies for each module; (3) appendices (a list of ERIC Network Components, an ERIC Reproduction Release form, a list of ERIC Publication Types, an EDRS Document Order form, a list of Internet Access Points to ERIC, Evaluation Quiz Answer Keys); and (4) a set of Quick Search Cards, with step-by-step instructions for searching ERIC on Dialog OnDisc and SilverPlatter. The four modules are entitled "Introduction to ERIC," "How Documents Are Selected," "How to Search ERIC," and "How to Access ERIC Print Materials and Other Services." Each module contains a performance objective, a list of required materials, an instructional strategy, and an evaluation statement. There are also short questions to help trainees focus on pertinent information, exercises to help trainees develop the skills identified in the module, and a summary evaluation quiz. Also included are the following supplemental materials: ERIC Ready References--Search Aids, Document Delivery, What Kinds of Documents Are in the ERIC Database (RIE), Journals Currently Covered by "Current Index to Journals in Education," and ERIC at a Glance; Product Summary: ERIC on CD-ROM; and "All about ERIC," a 38-page publication providing a detailed overview of ERIC. (MAS)

ED 376 861

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION
CENTER (ERIC)
☐ This document has been reproduced as received from the person or organization originating it.
☐ Minor changes have been made to improve reproduction quality.
• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

# *Your Guide to*

ERIC®

IR055362

ERIC®
Clearinghouse on Adult, Career, and Vocational Education

CENTER ON EDUCATION AND TRAINING FOR EMPLOYMENT
THE OHIO STATE UNIVERSITY

BEST COPY AVAILABLE

# Your Guide

# to

# ERIC

by

Bettina A. Lankard

ERIC Clearinghouse on Adult, Career, and Vocational Education
Center on Education and Training for Employment
The Ohio State University
1900 Kenny Road
Columbus, Ohio 43210-1090

1994

## FUNDING INFORMATION


| | |
|---|---|
| **Project Title:** | ERIC Clearinghouse on Adult, Career, and Vocational Education |
| **Contract Number:** | RR93002001 |
| **Act under Which Administered:** | 41 USC 252 (15) and P.L. 92-318 |
| **Source of Contract:** | Office of Educational Research and Improvement<br>U.S. Department of Education<br>Washington, DC 20208 |
| **Contractor:** | Center on Education and Training for Employment<br>The Ohio State University<br>Columbus, Ohio 43210-1090 |
| **Executive Director:** | Ray D. Ryan |
| **Disclaimer:** | This publication was prepared pursuant to a contract with the Office of Educational Research and Improvement, U.S. Department of Education. Contractors undertaking such projects under government sponsorship are encouraged to express freely their judgment in professional and technical matters. Points of view or opinions do not, therefore, necessarily represent official U.S. Department of Education position or policy. |
| **Discrimination Prohibited:** | Title VI of the Civil Rights Act of 1964 states: "No person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance." Title IX of the Education Amendments of 1971 states: "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance." The ERIC Clearinghouse project, like every program or activity receiving financial assistance from the U.S. Department of Education, must be operated in compliance with these laws. |

# TABLE OF CONTENTS

**Foreword** . . . . . iv

**Use of the Curriculum Package** . . . . . 1

**Lesson Overview: A Brief Description of the Modules** . . . . . 3

**Lesson One: Introduction to ERIC** . . . . . 5

**Lesson Two: How Documents Are Selected** . . . . . 17

**Lesson Three: How to Search ERIC** . . . . . 27

**Lesson Four: How to Access ERIC Print Materials and Other Services** . . . . . 37

**Appendices** . . . . . 43

A. The ERIC Clearinghouses
B. Reproduction Release Form
C. ERIC Publication/Document Types
D. ERIC Document Reproduction Service Form
E. Connections to ERIC via the Internet
F. Evaluation Quiz Answer Keys

## FOREWORD

The Educational Resources Information Center Clearinghouse on Adult, Career, and Vocational Education (ERIC/ACVE) is 1 of 16 clearinghouses in a national information system that is funded by the Office of Educational Research and Improvement, U.S. Department of Education. This guide and the accompanying ***QuickSearch Cards*** are products of a special project designed to fulfill one of the functions of the clearinghouse—helping people use the ERIC database.

The guide was written by Bettina A. Lankard, Program Associate at the Center on Education and Training for Employment (CETE), who serves as ERIC/ACVE's career education specialist. The ***QuickSearch Cards*** were prepared by Judith O. Wagner, ERIC/ACVE's Associate Director for Dissemination.

ERIC/ACVE would like to thank the following people for their critical review of these products before publication: Bernadette Knoblauch, Associate Director for User Services and Publications, ERIC Clearinghouse on Disabilities and Gifted Education; Lynn Smarte, Director, ACCESS ERIC; Dawn Puglisi, consultant; and Paula Kurth, Program Associate, CETE. Sandra Kerka edited the manuscript, and Janet Ray served as word processor operator.

Ray D. Ryan
Executive Director
Center on Education and Training
for Employment

# USE OF THE CURRICULUM PACKAGE

This ERIC curriculum package, specifically designed for ERIC users and ERIC trainers, may be used in a workshop setting under the guidance of a trainer or independently by individuals who want to learn about the ERIC system and how they can search the database and use its products and services. The complete package consists of these parts:

- This self-instructional guide with four learning modules
- A set of transparencies for each module
- Relevant ERIC publications, such as brochures and ready references
- A set of ***QuickSearch Cards***, with step-by-step instructions for searching ERIC on Dialog OnDisc and SilverPlatter

Each module in the package contains a performance objective, a list of required materials (most of which are enclosed), an instructional strategy, and an evaluation statement. Within each module is information relevant to the objective, short questions to help trainees focus on pertinent information, exercises to help trainees develop the skills identified in the objective, and a summary evaluation quiz with a corresponding answer key in Appendix F. Trainees should successfully complete one module before proceeding to the next.

The guide offers an introduction to the ERIC system, including the purpose of ERIC, types of materials in its database, selection criteria, major publications and products, and user services. It explains how and why individuals use ERIC and offers strategies for searching ERIC and accessing products and services. This guide, along with the materials contained in the package, provides professionals and first-time users with the information they need to get the most out of the ERIC database and system.

Of additional benefit to users of this package is the video "ERIC: In Action," which presents an overview of ERIC as a primary source of educational information. This 15-minute video covers four major topics: basic structure, major benefits, key index features, and options for locating materials. Although the video is not included in this package, it is available for purchase through ACCESS ERIC and the ERIC Clearinghouse on Information and Technology. See Appendix A for addresses.

## LESSON OVERVIEW
## A BRIEF DESCRIPTION OF THE MODULES

**Lesson One: Introduction to ERIC** is designed to help the trainee understand the ERIC system and its products and services. It covers the following topics:

- The ERIC System
- Purpose of ERIC
- Materials in the Database
- Database Development
- Outreach and Dissemination Services
  - Database Searching
  - Document Delivery
  - Reference and Referral
  - Partner Networking
- ERIC Publications and User Products

**Lesson Two: How Documents Are Selected** is designed to help the trainee understand the types of documents sought by ERIC, the criteria used to select them, and the process of submitting documents to ERIC. It leads the trainee to perform the following tasks:

- Identify Documents Suitable for ERIC
- Determine If the Document Meets the Established Criteria for Selection
- Submit Suitable Documents to an ERIC Clearinghouse

**Lesson Three: How to Search ERIC** is designed to help the trainee conduct an ERIC search. It leads the trainee to perform the following tasks:

- Select the Type of ERIC Search to Conduct
- Choose Appropriate Descriptors
- Follow Proven Search Strategies

**Lesson Four: How to Access ERIC Print Materials and Other Services** is designed to help the trainee obtain ERIC materials and services. It leads the trainee to perform the following tasks:

- Obtain Copies of Documents and Journal Articles
- Obtain Other Information and/or Services from ERIC

## LESSON ONE: INTRODUCTION TO ERIC

### OBJECTIVE:

The trainee will be able to demonstrate understanding of the ERIC system and its products and services by completing the exercises in each section of this lesson.

### REQUIRED MATERIALS:

Provided:

Transparency Packet for Lesson One
***ERIC at a Glance***, Ready Reference #19
***What Kinds of Documents Are in the ERIC Database***, Ready Reference #16
***Journals Currently Covered by CIJE***, Ready Reference #17
***Document Delivery***, Ready Reference #14
***ERIC Search Aids***, Ready Reference #13

Other:

***Resources in Education*** (most recent)
***Current Index to Journals in Education*** (most recent)
***Directory of ERIC Information Service Providers***

### INSTRUCTIONAL STRATEGY:

Present the information noted in each of the sections highlighted in bold and underlined. Use transparencies in the Lesson One Transparency Packet to augment your presentation.

At the conclusion of your presentation for each section, have trainees answer the questions for that section.

Give trainees an opportunity to demonstrate their knowledge by having them complete the activities in each section.

### EVALUATION:

At the conclusion of this lesson have trainees complete the Evaluation Quiz at the end of Lesson One.

WHAT IS ERIC?

- An educational information system
- An information system supported by the U.S. Department of Education, Office of Educational Research and Improvement
- A system that consists of the ERIC Program Office (OERI), ACCESS ERIC, the ERIC Document Reproduction Service (EDRS), the ERIC Processing and Reference Facility, Oryx Press, 16 subject-oriented clearinghouses, and additional adjunct clearinghouses.

**The ERIC System** (*Transparency #1.1*)

The Educational Resources Information Center (ERIC) is a national information system designed to provide users with ready access to an extensive body of education-related literature. Established in 1966, ERIC is supported by the U.S. Department of Education, Office of Educational Research and Improvement (OERI). The ERIC system consists of the ERIC Program Office (OERI), ACCESS ERIC, the ERIC Document Reproduction Service (EDRS), the ERIC Processing and Reference Facility, Oryx Press, 16 subject-oriented clearinghouses, and additional adjunct clearinghouses. (*Transparencies #1.2 to #1.5*, Ready Reference #19, and Appendix A)

The ERIC database, the world's largest and most comprehensive source of education information, contains more than 800,000 abstracts of documents and journal articles on all aspects of education. You can access the ERIC database online via commercial vendors and public networks, on Compact Disc, Read Only Memory (CD-ROM), or through the printed abstract journals, ***Resources in Education*** and ***Current Index to Journals in Education***. Updates to the database are made monthly, except for the CD-ROM, which is updated quarterly. (*Transparency #1.6*)

ERIC collections can be found in hundreds of institutions and agencies throughout the world, and ERIC searches can be conducted at many locations, including the ERIC clearinghouses, university libraries, state libraries, and many large public libraries. You can find the location of microfiche collections near you by calling ACCESS ERIC at (800) LET-ERIC.

***Exercise:*** *Identify three locations where you would be able to conduct your own ERIC search and at least one source you could contact to have a search done for you.*

WHAT ARE THREE MAJOR FUNCTIONS OF ERIC?

- Building and maintaining a database of educational materials
- Producing major publications
- Providing user products and services

**Purpose of ERIC** (*Transparency #1.7*)

The main purpose of ERIC is to identify, collect, and disseminate "fugitive" documents—documents that are not readily available from commercial sources. ERIC does this by building and maintaining a database of appropriate educational materials including journal literature and making the materials available in microfiche and/or paper copy and through library collections and interlibrary loan. ERIC also produces major publications and provides a variety of user products and services to help the education community—researchers, teachers, administrators, school boards, students, and parents—keep informed about current education-related issues.

***Exercise:*** *List at least three reasons for using ERIC.*

WHAT KINDS OF MATERIALS ARE FOUND IN ERIC?

- Curriculum
- State-of-the-art papers
- Research reports
- Teaching guides
- Project descriptions
- Bibliographies
- Practice applications
- Literature reviews
- Program evaluations

**Materials in the Database** (*Transparency #1.8*)

Educational materials found in ERIC include curricula, research reports, state-of-the-art papers, literature reviews, bibliographies, teaching guides, practice applications, and program evaluations, as well as education-related journal articles. ERIC covers all areas of education—elementary and early childhood education; higher education; information technology; community colleges; educational management; counseling and student services; disabilities and gifted education; languages and linguistics; social studies/social science education; teaching and teacher education; assessment and evaluation; reading, English, and communication skills; rural education and small schools; urban education; science, mathematics, and environmental education; and adult, career, and vocational education. What is not found in ERIC are nonprint audiovisual materials, large numbers of dissertations, and comprehensive statistics. (See Ready References #16 and #17.)

***Exercise:*** *Identify the subject area of greatest interest to you and list the specific type of educational materials you would like to investigate.*

WHAT MAKES A DOCUMENT SUITABLE FOR ERIC?

- Relevance
- Timeliness
- Scholarly contribution
- Applicability

**Database Development** (*Transparency #1.9*)

The primary function of an ERIC clearinghouse is to contribute to the development and maintenance of the ERIC database. This requires a comprehensive program to identify and acquire high quality educational materials in sufficient quantity to ensure continuous development of the database. Documents are acquired from organizations that regularly submit their publications for inclusion in ERIC, through clearinghouse requests, and through individual submissions of research reports, conference papers, and other education-related work.

Acceptance of submitted documents is not automatic. As documents are acquired, they are screened by subject specialists using established criteria, such as contribution to the literature; relevance; innovativeness; timeliness; effectiveness of presentation; authority of the author, source, or sponsor; responsiveness to current priorities; and applicability to a broad audience. Because ERIC seeks to provide a total information system, including document availability, reproducibility standards are of prime importance as well. Through the screening process, the documents of highest quality and greatest worth are selected for entry into the database and then cataloged, indexed, and abstracted by clearinghouse staff in preparation for announcement in ***Resources in Education*** (RIE) and on the computer tapes. Database development also includes the acquisition, selection, and processing of journal articles for ***Current Index to Journals in Education*** (CIJE).

ERIC invites all of its users to consider submitting education-related works for inclusion in the database. Knowing the selection criteria can guide users in submitting documents suitable for ERIC.

*Exercise: List educational documents you have authored or used that might be suitable for selection in ERIC. Describe why each document has potential for selection by noting the criteria it meets.*

WHAT ARE SOME FACTS ABOUT OUTREACH AND DISSEMINATION SERVICES?

- The outreach and dissemination program includes a search service, a document delivery service, a referral service, and a partner networking service.
- Manual searches are time consuming.
- Computer searches are effective when you are looking for new terms/ideas that may not have been indexed.
- Computer searches may be conducted through many public and commercial networks by individuals who have a computer and modem.
- Individuals may contract with any of the clearinghouses to have a search conducted for them.

## Outreach and Dissemination Services

ERIC services include database searching, document delivery, reference, referral, and partner networking.

**Database Searching** (*Transparency #1.10, Product Summary: ERIC on CD-ROM*)

ERIC offers individuals the opportunity to conduct their own searches of the database, with or without assistance, or to contract with a search service to have one conducted for them. Access to the ERIC database is provided at most university libraries, state departments of education, state libraries, teacher centers, and through the Internet.

The ERIC database can be searched by computer or by using the printed indexes—***Resources in Education*** (RIE), which contains document literature, and ***Current Index to Journals in Education*** (CIJE), which contains the journal literature. Computer searches are particularly appealing because they are fast, comprehensive, and have the capability to pick up any term or phrase in the title or abstract, which may be important if you are looking for new terms/ideas that may not have been indexed. However, computer searches may be expensive and may retrieve irrelevant material.

Individuals who wish to conduct their own computer searches may do so using CD-ROM at many university, state, and public libraries. Those who have their own computers and modems can access ERIC through many public and commercial networks, including the Internet, CompuServe, America Online, and America Tomorrow. Details can be obtained by calling (800) LET-ERIC.

For those who wish to contract for their own searches, following are the online and CD-ROM vendors through which ERIC can be searched:

*Online Vendors*

BRS
8000 Westpark Drive
McLean, VA 22102-9980
Toll Free: (800) 955-0906
Telephone: (703) 442-0900
FAX: (703) 893-4632

Data-Star/Dialog
114 Jermyn Street, Plaza Suite
London SW1Y 6HJ, England
Telephone: +44 71-930-7646
FAX: +44 71-930-2581

Dialog Information Services
3460 Hillview Avenue
Palo Alto, CA 94304
Toll Free: (800) 334-2564
Telephone: (415) 858-2700
FAX: (415) 858-7069

GTE Educational Network Services
5525 MacArthur Boulevard, Suite 320
Irving, TX 75038
Toll Free: (800) 927-3000
Telephone: (214) 518-8500
FAX: (214) 751-0964

OCLC (Online Computer Library Center)
6565 Frantz Road
Dublin, OH 43017-0702
Toll Free: (800) 848-5878
Telephone: (614) 764-6000
FAX: (614) 764-6096

*CD-ROM Vendors*

Dialog Information Services
(address above)

EBSCO Publishers
83 Pine Street, P.O. Box 2250
Peabody, MA 01960-7250
Toll Free: (800) 653-2726
Telephone: (508) 535-8500
FAX: (508) 535-8523

National Information Services Corporation (NISC)
3100 St. Paul Street, Wyman Towers, Suite 6
Baltimore, MD 21218
Telephone: (410) 243-0797
FAX: (410) 243-0982

Oryx Press
4041 North Central Avenue, Suite 700
Phoenix, AZ 85012-3397
Toll Free: (800) 279-ORYX
Telephone: (602) 265-2651
FAX: (800) 279-4663; (602) 265-6250

SilverPlatter Information, Inc.
100 River Ridge Drive
Norwood, MA 02062-5026
Toll Free: (800) 343-0064
Telephone: (617) 769-2599
FAX: (617) 769-8763

Manual searches can also be done, but they are time consuming and will retrieve only documents indexed with major descriptors. Manual searches are particularly effective for looking up new materials on a single topic as they may lead to unexpected discoveries that would not appear in a computer search.

**Document Delivery** (See Ready Reference #14)

Microfiche and paper copies of most ERIC documents are available from—

ERIC Document Reproduction Service (EDRS)
7420 Fullerton Road, Suite 110
Springfield, VA 22153-2852
Toll Free: (800) 443-3742
Telephone: (703) 440-1400
FAX: (703) 440-1408

Copies of most journal articles announced in ERIC can be found in library periodical collections or purchased from—

UMI Article Clearinghouse
300 North Zeeb Road, P.O. Box 1346
Ann Arbor, MI 48106-1346
Toll Free: (800) 521-0600 Ext. 2786
Telephone: (313) 761-4700
FAX: (313) 386-6362

**Reference and Referral**

WHAT IS ERIC'S REFERENCE AND REFERRAL SERVICE?

- Question answering
- Referral to information sources
- Provision of relevant publications
- Technical assistance from ERIC staff

ERIC offers free referral services through its network of clearinghouses, ACCESS ERIC, and AskERIC, an Internet-based question-answering service developed by the ERIC Clearinghouse on Information and Technology. You can send questions about any aspect of education, such as teaching and learning, information technology, or educational administration, to askeric@ericir.syr.edu.

ERIC clearinghouse staff are always available to answer questions, refer users to appropriate information sources, suggest relevant publications, and provide technical assistance by giving workshops on the use of the ERIC system. Subject-specific questions and requests should be directed to the

WHY ARE ERIC PARTNERS AN ASSET TO ERIC?

- They facilitate the exchange of education information between ERIC and its constituents.
- They promote ERIC among existing as well as new audiences.
- They broaden the dissemination and use of ERIC.
- They encourage joint projects, such as workshops and conferences.

particular ERIC clearinghouse most closely associated with the subject matter involved.

**Partner Networking**

In addition to serving users and ERIC information service providers, ERIC has developed a constantly growing network of partners composed of education-related organizations and constituent groups.

Partners facilitate the exchange of education information between ERIC and its constituents. They also broaden the dissemination and use of ERIC information within the education community by—

- promoting ERIC among existing as well as new audiences;
- disseminating ERIC information to constituents through their newsletters and journals;
- enhancing the ERIC database by submitting documents; and
- encouraging joint projects such as workshops and conferences.

In turn, partners enjoy many benefits from the clearinghouse with which they are associated including the following:

- VIP service, featuring quick turnaround in handling requests
- Free or discounted ERIC-produced publications
- Advance notice of materials distributed by the ERIC system
- Technical assistance and support

Any agency or organization with a constituency interested in education and willing to distribute ERIC information may become a partner by contacting ACCESS ERIC at (800) LET-ERIC or any ERIC clearinghouse.

*Exercise: List the outreach and dissemination services that are attractive to you and note the reasons why you would like to use them.*

WHAT PUBLICATIONS ARE PRODUCED BY ERIC?

- Papers on key topics
- Minibibliographies
- Packaged searches
- ERIC Digests and other publications that review, synthesize, and analyze existing literature
- Information brochures

**ERIC Publications and User Products** (*Transparency #1.11*)

Each year, the various ERIC clearinghouses identify critical issues within their scope areas and select topics for major publications. Authorities in the field are commissioned to write the manuscripts, which include information analysis papers, compilations, or practitioner-oriented monographs. These publications are designed to provide information on high priority topics to meet the needs of a variety of audiences—researchers, practitioners, policymakers, the press, and the general public.

In addition to the major publications, each clearinghouse produces products—minibibliographies, packaged searches, and other publications that review, synthesize, and analyze existing literature. ERIC Digests, two-page research syntheses, are among the ERIC system's most popular offerings. ERIC Digests provide information on research findings and practice applications, frequently in a question/answer format; overviews of emerging topics; updates of areas; and synopses of review and synthesis papers. (*Transparency #1.12*)

Many clearinghouses also produce an information brochure about their products and services, an acquisition brochure, and a publications list. Some clearinghouses produce newsletters or information bulletins that include news of the ERIC system, summaries of major publications, and information about services and products.

ERIC produces numerous products designed to help users access and use the information in the ERIC database. (*Transparency #1.13* and Ready Reference #13.) These include the following:

- **Abstract journals**. ERIC produces two monthly abstract journals that are the print version of the database. ***Resources in Education*** (RIE), which announces current education-related documents, can be obtained from the U.S. Government Printing Office (GPO) (202-783-3238). ***Current Index to Journals in Education*** (CIJE), which announces education-

WHAT TOOLS CAN HELP YOU USE THE DATABASE?

- *Thesaurus of ERIC Descriptors*
- RIE and CIJE
- *ERIC Identifier Authority List*

related journal articles, is available through Oryx Press (800-279-ORYX).

- ***Thesaurus of ERIC Descriptors***. The complete list of index terms used by the ERIC system, with cross-references and rotated and hierarchical displays, is available from Oryx Press. This publication is very helpful in developing a database search strategy.
- ***Directory of ERIC Information Service Providers***. This directory lists the address, telephone number, and ERIC collection status for more than 1,000 organizations that offer ERIC access to users. It is available from ACCESS ERIC.
- ***ERIC Users' Interchange***. This free newsletter, published twice a year, provides technical information on database searching, recent ERIC database developments, and other user aids to libraries, education media centers, and other places the ERIC database is searched. Subscriptions are offered by ACCESS ERIC.
- ***ERIC Identifier Authority List***. This list of searchable key words not found in the Thesaurus is available from the ERIC Facility. It includes geographic locations, proper names, program names, and terms not represented by descriptors.
- **ERIC database tapes**. Institutions interested in computer tapes of the ERIC database for programming their own search interface may purchase them from the ERIC Facility.

WHERE CAN SYSTEMWIDE ERIC PUBLICATIONS BE OBTAINED?

- ACCESS ERIC
- ERIC FACILITY
- ORYX PRESS

Systemwide ERIC publications, that can be obtained from ACCESS ERIC (800-LET-ERIC) include the following:

- ***All about ERIC***. This handy reference booklet provides detailed descriptions of each component in the ERIC system and its products and services, along with information on how to access them.
- ***The ERIC Review***. This journal keeps practitioners informed of important ERIC and education-related developments.
- **Parent-teacher brochures.** These free publications synthesize and summarize significant findings of recent educational research on topics of interest to parents and educators.

*Exercise: Review the list of ERIC publications and note any you would like to obtain.*

## EVALUATION QUIZ

Check the correct answer(s) to each of the following statements:

1. The ERIC database contains abstracts of . . .

   - bibliographies and biographies
   - document search reports
   - documents and journal articles

2. ERIC documents are available in . . .

   - microfiche and paper copy
   - video and paper copy
   - audiotape and microfiche

3. Journal articles referenced in the ERIC database are available . . .

   - in microfiche and paper copy
   - through journal reprint services and interlibrary loan
   - at your local bookstore

4. ERIC products and services include . . .

   - research summaries
   - bibliographies
   - reference services
   - conference planning
   - referral services
   - commercial publication services
   - computer programming services
   - computer searches
   - document reproduction

5. Three types of ERIC users are . . .

   - medical students, physicians, and pharmacy personnel
   - educational researchers, practitioners, policymakers
   - market analysts, statistical analysts, financial planners

6. Which of the following statements are true?

T F The outreach and dissemination program includes a search service, a referral service, a question-answering service, a document delivery service, technical assistance, and partner networking.

T F Manual searches are quick and easy.

T F Computer searches are effective when you are looking for new terms/ideas that may not have been indexed.

T F Computer searches may retrieve irrelevant material.

T F ERIC services are all expensive to obtain.

T F Individuals with computers and modems can access ERIC through public and commercial computer networks.

T F ***Resources in Education*** and ***Current Index to Journals in Education*** are two printed indexes in ERIC.

T F ERIC documents are available in microfiche and paper copies.

7. Three types of products offered by the ERIC clearinghouse include . . .

- ERIC Digests, major publications, and commercially produced manuals.
- ERIC Digests, major publications, and brochures.
- teacher's guides, major publications, and statistical reports.

8. Match each user product with its appropriate description.

___ *ERIC Digests*
___ Packaged searches
___ *Thesaurus of ERIC Descriptors*
___ *All about ERIC*
___ Informational brochures
___ Information bulletins
___ *The ERIC Review*

a. Publications that contain ERIC clearinghouse information
b. A publication that contains a complete list of index terms for database searching
c. A journal for practitioners
d. Publications on research findings and their practical applications
e. Searches on topics of interest to many users
f. A reference book about the ERIC system, its products, and services
g. News of the ERIC system

## LESSON TWO: HOW DOCUMENTS ARE SELECTED

### OBJECTIVE:

The trainee will be able to identify documents suitable for ERIC, note which of these documents meet established selection criteria, and submit appropriate documents to ERIC by completing the designated exercises in each section of this lesson.

### REQUIRED MATERIALS:

Provided:
- Transparency Packet for Lesson Two
- ***ERIC Publication Types***, Ready Reference #2

Other:
- Stack of documents

### INSTRUCTIONAL STRATEGY:

Present the information noted in each of the sections highlighted in bold and underlined. Use transparencies in the Lesson Two Transparency Packet to augment your presentation.

At the conclusion of your presentation for each section, have trainees answer the questions for that section.

Give trainees an opportunity to demonstrate their skill in assessing the types and qualities of documents suitable for inclusion in ERIC.

### EVALUATION:

At the conclusion of this lesson, have trainees complete the Evaluation Quiz at the end of Lesson Two.

WHAT ARE SOME TYPES OF DOCUMENTS SUITABLE FOR ERIC?

- Research reports
- Program descriptions and evaluations
- Annotated bibliographies
- Curriculum guides
- Conference papers
- Conference proceedings
- Instructional materials
- Lesson plans and teaching guides
- Essays, position papers
- Resource guides

## Identify Documents Suitable for ERIC

***Resources in Education*** (RIE) and ***Current Index to Journals in Education*** (CIJE) constitute the ERIC database. Obtaining comprehensive information in each clearinghouse's scope area is a prime function of ERIC.

Individuals may voluntarily submit documents that they believe suitable to a clearinghouse's scope of work. ERIC partners and other organizations, agencies, state departments of education, professional associations, and university departments or school systems can also submit documents.

The types of documents sought for the ERIC database include the following (see Ready Reference #2):

- Research reports
- Program descriptions and evaluations
- Annotated bibliographies
- Curriculum guides
- Conference papers
- Conference proceedings
- Instructional materials
- Lesson plans and teaching guides
- Essays, position papers
- Resource guides

***Exercise:*** *Select one document from the stack of sample documents or consider a document of your own. Determine whether or not the type of document you selected is suitable for ERIC. Discuss the issue with other workshop participants as you analyze the information and move to a decision.*

*If you determine that the type of document you selected is suitable for ERIC, continue with this lesson.*

*If you decide that the document is <u>not</u> suitable for ERIC, review other documents in the stack until you find one that is.*

WHAT CRITERIA ARE USED TO SELECT DOCUMENTS?

- Suitability and responsiveness to current priorities
- Contribution to knowledge
- Relevance
- Innovative or new application of knowledge
- Effectiveness of presentation
- Responsiveness to current priorities
- Timeliness
- Authority of author, source, or sponsor
- Applicability to a broad audience
- Sensitivity to minority, ethnic, and gender concerns
- Balance on controversial issues
- Reproducibility
- Legibility

**Determine If the Document Meets the Established Criteria for Selection** (*Transparency #2.1*)

Because ERIC is a selective database, subject specialists assess the appropriateness of documents for entry into RIE. The two primary criteria considered when assessing the appropriateness of a document are the needs of ERIC's wide audiences and whether the document fits the subject areas covered by the appropriate clearinghouse. Consider the following list of selection criteria as you decide whether to submit a document to ERIC.

- Suitability to the clearinghouse's scope of work

  There are 16 ERIC clearinghouses, each focusing on a specific area of education. A list of these clearinghouses appears in Appendix A.

  Documents submitted to a clearinghouse that are outside its scope, but of suitable quality, will be transferred to the appropriate clearinghouse. Documents deemed unsuitable will **not** be processed or transferred to other clearinghouses.

- Contribution to knowledge; significance

  Documents should be based on well-designed experiments or orderly collections of data. Research reports, for example, are examined in terms of stated objectives; hypotheses tested; and methodology, conclusions, and recommendations.

- Relevance

  Relevance is defined as the extent to which the document deals with issues that are current and of contemporary interest to the educational community.

- Innovativeness or new application of knowledge

  This criterion refers to applicability of knowledge or methods to new areas or new problems.

- Effectiveness of presentation; thoroughness of reporting

  Documents are rejected if they are poorly written, misuse the technical devices of their presentations, fail to provide sufficient infor-

mation to judge or follow up on the adequacy of their work, or offer conclusions that are not supported by data.

- Responsiveness to current priorities

  Educational priorities are established by the governments and institutions responsible for the conduct of education. Priorities may be established at the national, regional, state, local, or professional level. Documents dealing with high priority issues are given special consideration.

- Timeliness

  The document should be current in terms of the work being done in the area with which it is concerned.

- Authority of author, source, or sponsor
- Applicability to a broad audience
- Sensitivity to minority, ethnic, and gender concerns
- Balance on controversial issues
- Reproducibility
- Legibility

Because ERIC seeks to provide a total information system, including document availability as well as announcement and abstracting, reproducibility standards for RIE documents are of prime importance. If a document does not meet legibility and reproducibility standards, the processing staff will request a better copy before determining that the document must be rejected.

***Exercise:*** *Review the document you selected to submit to ERIC. Assess the document against each of the criteria specified to determine if it has potential to pass the screening process for selection. Use the Selection Criteria Checklist on the next page to record your assessments.*

## SELECTION CRITERIA CHECKLIST

| YES | NO | Selection Criteria |
|---|---|---|
| — | — | Suitability to the clearinghouse's scope of work |
| — | — | Contribution to knowledge |
| — | — | Relevance |
| — | — | Innovativeness or new application of knowledge |
| — | — | Effectiveness and thoroughness of reporting |
| — | — | Responsiveness to current priorities |
| — | — | Timeliness |
| — | — | Authority of author, source, or sponsor |
| — | — | Applicability to a broad audience |
| — | — | Sensitivity to minority, ethnic, and gender concerns |
| — | — | Balance on controversial issues |
| — | — | Reproducibility |
| — | — | Legibility |

WHAT ARE SOME ADVANTAGES TO SUBMITTING DOCUMENTS TO ERIC?

- Free publicity
- Wide dissemination
- Quick retrievability

**Submit Suitable Documents to an ERIC Clearinghouse** (*Transparency #2.2*)

There are several advantages to submitting materials to ERIC. These include free publicity, wide dissemination, quick retrievability via online database search services, and the fact that ERIC documents never go out of print. ERIC sends a complimentary microfiche to each contributor when the document is announced in RIE.

Individuals who wish to submit documents to ERIC must follow these steps:

1. Identify the appropriate clearinghouse based on the relevance of the document to the clearinghouse's given educational area or scope.

2. Prepare one legible copy of the document. Documents should be easy to read with clear, dark type on white or light background. They may be typeset, typewritten, photocopied, or otherwise duplicated. Standard 8-1/2" x 11" paper is preferred. Very small type, light dot-matrix type, and dark colored paper do not reproduce well.

3. Complete a Reproduction Release Form. (A copy of this form appears in Appendix B.) The Reproduction Release Form gives ERIC permission to reproduce and disseminate the document, but does not preclude the author selling the publication or having it published elsewhere.

4. Mail the document and completed Reproduction Release Form to the appropriate ERIC clearinghouse, to the attention of the Acquisitions Coordinator. If you are unsure which clearinghouse is appropriate, mail the document and form to the ERIC Processing and Reference Facility.

***Exercise:*** *Assume that you determined the document you assessed against the selection criteria meets those criteria. Complete the Reproduction Release form on the next page.*

**U.S. DEPARTMENT OF EDUCATION**
*Office of Educational Research and Improvement (OERI)*
*Educational Resources Information Center (ERIC)*

ERIC®

# REPRODUCTION RELEASE

(Specific Document)

## I. DOCUMENT IDENTIFICATION:

| | |
|---|---|
| Title: | |
| Author(s): | |
| Corporate Source: | Publication Date: |

## II. REPRODUCTION RELEASE:

In order to disseminate as widely as possible timely and significant materials of interest to the educational community, documents announced in the monthly abstract journal of the ERIC system, *Resources in Education* (RIE), are usually made available to users in microfiche, reproduced paper copy, and electronic/optical media, and sold through the ERIC Document Reproduction Service (EDRS) or other ERIC vendors. Credit is given to the source of each document, and, if reproduction release is granted, one of the following notices is affixed to the document.

If permission is granted to reproduce the identified document, please CHECK ONE of the following options and sign the release below.

☐ ← **Sample sticker to be affixed to document**

**Check here**
Permitting microfiche (4" x 6" film), paper copy, electronic, and optical media reproduction.

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

Sample

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)"

**Level 1**

**Sample sticker to be affixed to document** →☐

"PERMISSION TO REPRODUCE THIS MATERIAL IN OTHER THAN PAPER COPY HAS BEEN GRANTED BY

Sample

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)"

**Level 2**

**or here**
Permitting reproduction in other than paper copy.

## Sign Here, Please

Documents will be processed as indicated provided reproduction quality permits. If permission to reproduce is granted, but neither box is checked, documents will be processed at Level 1.

"I hereby grant to the Educational Resources Information Center (ERIC) nonexclusive permission to reproduce this document as indicated above. Reproduction from the ERIC microfiche or electronic/optical media by persons other than ERIC employees and its system contractors requires permission from the copyright holder. Exception is made for non-profit reproduction by libraries and other service agencies to satisfy information needs of educators in response to discrete inquiries."

| | |
|---|---|
| Signature: | Position: |
| Printed Name: | Organization: |
| Address: | Telephone Number: ( ) |
| | Date: |

## III. DOCUMENT AVAILABILITY INFORMATION (FROM NON-ERIC SOURCE):

If permission to reproduce is not granted to ERIC, *or*, if you wish ERIC to cite the availability of the document from another source, please provide the following information regarding the availability of the document. (ERIC will not announce a document unless it is publicly available, and a dependable source can be specified. Contributors should also be aware that ERIC selection criteria are significantly more stringent for documents that cannot be made available through EDRS.)

| Publisher/Distributor: | |
|---|---|
| Address: | |
| Price Per Copy: | Quantity Price: |

## IV. REFERRAL OF ERIC TO COPYRIGHT/REPRODUCTION RIGHTS HOLDER:

If the right to grant reproduction release is held by someone other than the addressee, please provide the appropriate name and address:

Name and address of current copyright/reproduction rights holder:

Name:

Address:

## V. WHERE TO SEND THIS FORM:

Send this form to the following ERIC Clearinghouse:

If you are making an unsolicited contribution to ERIC, you may return this form (and the document being contributed) to:

ERIC Facility
1301 Piccard Drive, Suite 300
Rockville, Maryland 20850-4305
Telephone: (301) 258-5500

## EVALUATION QUIZ

Select the correct conclusions for the following sentences:

1. ***Resources in Education*** (RIE) indexes and abstracts . . .

   ____ journals in education.

   ____ documents in education.

2. ***Current Index to Journals in Education*** (CIJE) indexes and abstracts . . .

   ____ journals in education.

   ____ documents in education.

3. When submitting a document to an ERIC Clearinghouse, you should make sure it is . . .

   ____ approved by subject specialists.

   ____ accompanied by a letter explaining why it is appropriate for ERIC.

   ____ suitable to that clearinghouse's scope of work.

4. When you submit a document to ERIC, you must also enclose . . .

   ____ an abstract of the document.

   ____ a signed Reproduction Release Form.

   ____ the names of two subject specialists to review the document against the established criteria for selection.

## LESSON THREE: HOW TO SEARCH ERIC

### OBJECTIVE:

The trainee will be able to choose appropriate ERIC descriptors and conduct (or have conducted) a manual or computer search of the ERIC database.

### REQUIRED MATERIALS:

Provided:

- Transparency Packet for Lesson Three
- QuickSearch Cards
- *ERIC Search Aids*, Ready Reference #13

### INSTRUCTIONAL STRATEGY:

Present the information highlighted in bold and underlined. Use the transparencies in the Lesson Three Transparency Packet to reinforce the content of your presentation.

At the conclusion of your presentation for each section, have trainees answer the questions for that section.

Give trainees an opportunity to demonstrate their skill in searching ERIC (or in ordering a search) by completing the activities at the end of this lesson.

### EVALUATION:

At the conclusion of this lesson, have trainees complete the Evaluation Quiz at the end of Lesson Three.

WHAT INFORMATION IS ON THE QUICKSEARCH CARDS?

- Step-by-step instruction for searching Dialog OnDisc ERIC and SilverPlatter
- Using the Thesaurus
- Searching by Document Type

WHAT IS NECESSARY WHEN CONDUCTING THE FOLLOWING SEARCHES?

- Online search

  Requires having a contract with a vendor

- Manual search

  Requires access to abstract journals, RIE and CIJE

- CD-ROM search

  Requires using a computer and compact disc

**Select the Type of ERIC Search to Conduct** (*Transparency #3.1*)

If you choose to have a professional searcher conduct your search, be sure you have a clear idea of what you want from the search. Typically, the searcher will ask questions to clarify the topic and determine any limitations on it. Some searchers will request a list of key words or descriptors to help them develop the search strategy. Others will just ask what is desired and develop the strategy from their own notes. Either way, it is important that the person making the request knows exactly what he or she wants as an outcome. Of the individuals who wish to conduct their own searches, some may access ERIC and other databases through their home or office computers.

(See the QuickSearch Cards included in this package. These cards contain step-by-step instructions for searching ERIC on Dialog OnDisc ERIC and SilverPlatter.)

**Internet**. For those who have full Internet service, connection for a search can be made to the university computer systems providing Internet access to ERIC resources—Harvard University, Auburn University, the University of Saskatchewan, State University System of Florida, and the University of North Carolina at Chapel Hill. Directions for connecting to each of the universities to search ERIC via the Internet are provided in Appendix E.

**Online searches**. This option requires time, expertise, equipment—a modem as well as computer, the corresponding telecommunications software, and a contract with one of the database vendors.

**Manual searches**. A manual search can be done at any library or center that subscribes to RIE and CIJE. To search ERIC manually requires the following steps:

1. Obtain monthly and cumulative issues of RIE and CIJE.

2. Look in the index under the descriptors identified for the search.

3. Read the titles (and abstracts) to find subject-relevant information.

**CD-ROM searches**. CD-ROM searches can be done at most university libraries. The library offering this search service will have directions on the information retrieval system for searching the ERIC database. Most university libraries have this technology.

**Choose Appropriate Descriptors** (*Transparency #3.2*)

WHAT ARE ERIC DESCRIPTORS?

- Subject index terms

Whether you are searching ERIC directly or having someone else search it for you, any search of the ERIC database requires identification of ERIC descriptors (subject index terms). The following steps describe how to choose appropriate descriptors for a given ERIC search.

1. Describe the topic you wish to investigate and summarize your description in sentence and paragraph form. Underline words and phrases that identify the key aspects of the topic.

2. Identify the subtopics of the information you wish to investigate—educational level, type of material desired, teaching method, and so forth. These subtopics will help to limit the search. For example, for the topic "computer-assisted instruction" (CAI) you could limit the search by looking only at CAI in postsecondary institutions, CAI implementation strategies, or CAI in science. The list of subtopics should specify the scope and limitations of the search.

3. Translate your topic and subtopics into ERIC descriptors (subject index terms). To do this consult the ***Thesaurus of ERIC Descriptors***.

## SAMPLE ENTRY

| Social Studies | Descriptor |
|---|---|
| Jul 1966 | ADD DATE - date descriptor first used. |
| CIJE: 3,578 RIE: 5,347 | POSTING NOTE - number of times descriptor used in CIJE and RIE. |
| SN Social studies consist of adaptations of knowledge from the social sciences for teaching purposes at the elementary and secondary levels of education | SN - SCOPE NOTE - brief statements of intended usage of descriptor. Useful when trying to decide among descriptors. |
| UF Social Studies Units (1966 1980)* | UF - USE FOR - these terms are synonyms that are not used by ERIC. |
| NT Civics | NT - NARROWER TERM - terms with more specific meanings than the descriptor. Use the narrowest term appropriate to your need. |
| BT Curriculum<br>Social Sciences | BT - BROADER TERM - terms whose meaning encompasses the descriptor, and more. Use if the first search retrieves too few citations. |
| RT Anthropology<br>Controversial Issues (Course Content)<br>Cultural Education<br>Current Events<br>Economics<br>Geography<br>History<br>Locational Skills (Social Skills)<br>Political Science<br>Social Problems<br>Social Science Research<br>U.S. Government (Course)<br>World Affairs | RT - RELATED TERM - terms that are synonyms for the descriptor. It is sometimes a good idea to use several RTs and combine them with OR when developing your search strategy. |

*(Transparency #3.3)*

WHY IS THE THESAURUS OF ERIC DESCRIPTORS USEFUL?

- It contains over 8,000 subject descriptors.
- It contains cross-references to all fields of education.
- It contains the descriptors used to index every document and journal article in the database.

WHICH DEFINITIONS MATCH THE FOLLOWING DISPLAY TERMS?

SN
UF
NT
BT
RT

a. a short note that describes the intended use of the descriptor
b. a term whose meaning is broader than the descriptor
c. a term that is related to the descriptor
d. terms synonymous with the main term but not used by ERIC
e. a term that is more specific or narrower than the descriptor

The Rotated Descriptor Display in the back of the Thesaurus may also be helpful. Also, read the introduction to the Thesaurus which contains information helpful to searches (e.g., ERIC indexing rules), and useful parts of the descriptor entry, such as the scope note and related and narrower terms.

The ***Thesaurus of ERIC Descriptors*** is the key to using the controlled vocabulary of the ERIC database. It contains over 8,000 subject descriptors and cross-references to all fields of education. These descriptors are used to index every document or journal article in the database.

4. Locate the descriptors you have identified in the Alphabetical Descriptor Display (the main part of the Thesaurus). Following is a sample entry for the topic "social studies." Note the information provided in this display for the descriptor.

- Read the Scope Notes (SN) for information on how ERIC uses the terms. A Scope Note (SN) is a brief statement of the intended usage of a descriptor. It may be used to clarify an ambiguous term or to restrict the usage of a term. Special indexing notes are often included. (See the description next to SN in the sample entry.)
- Note the Used For (UF) reference, which generally refers to terms synonymous with the main term but not used by ERIC. [For the sample entry, UF term is "social studies units" (1966 1980).]
- If the term you selected seems too broad, see if there is a Narrower Term (NT) that will fit. Always use the most specific, or narrowest, term that seems appropriate.
- If your search retrieves too few records, try again using a Broader Term (BT). Think of synonyms or related terms. You may choose to combine several of the Related Terms (RT) with your original term to

create a larger set; use the Boolean operator OR to connect similar descriptors.

5. Make a final list of the descriptors most likely to have been used in the indexing process to represent your topic.

*Exercise: Select a topic to investigate. List any subtopics relevant to the search you desire.*

*Use the Thesaurus of ERIC Descriptors to identify the descriptors you would use in conducting your search.*

*Find and record the ADD DATE, POSTING NOTE, SN, UF, NT, BT, and RT for the descriptor you select.*

*Determine any refinements or ways to limit or expand the search.*

## Follow Proven Search Strategies

### Search Using Subject Terms (Descriptors) with ANDs and ORs.

Although the software used to search ERIC will depend on which system is used, all searching is based on Boolean logic: the computer creates sets of information based on the way you tell it to combine subject terms.

For example, to find out how computer networks can be used to improve high school students' writing, you could use the Thesaurus to find these subject descriptors: "computer networks," "high school students," and "writing skills."

If you want to find records that are indexed under **all** of these concepts, you would use the AND command to tell the computer to find the intersection of these three subsets.

If **more** information on this topic is needed, use the Thesaurus to locate additional relevant descriptors and add them to your concept sets by using the OR operator. When the OR command is used, documents and articles indexed with **either** descriptor are searched and combined in a set.

WHAT OTHER WAYS CAN YOU SEARCH ERIC?

- By title
- By author
- By specific journal
- By audience
- By identifiers
- By publication or document type
- By year of publication

**Search by Title, Author, Specific Journal, or Audience** (*Transparencies #3.4 and #3.5*)

To locate journal articles or other publications on a particular education topic, searching by descriptors (subject terms) is usually the best approach. There are other ways to search ERIC, such as by title, author, or specific journals.

If you cannot locate instructions for searching ERIC by title, author, or the approaches listed here, ask a librarian for help or call an ERIC clearinghouse. (Note that the details of how you search ERIC will vary depending on the software system, so, whenever possible, it is best to get instructions from someone who knows the system you are using.)

**Search by Identifiers**

Identifiers are searchable key words not found in the ***Thesaurus of ERIC Descriptors***. They are often proper names or concepts not yet represented by approved descriptors. Identifiers are used to index geographic locations, personal names, test or program names, specific legislation, and so forth. Examples include: Curry Test of Critical Thinking, Gallaudet College DC, Japan United States Textbook Study Project, and Piaget (Jean).

**Search by Publication Type (also called Document Type)**

In addition to being indexed according to descriptors and identifiers, ERIC documents are categorized by their form of publication. You may want to specify document types in your search strategy to locate particular kind of document, such as teaching guides, research/technical reports, tests/evaluation instruments, or books.

A complete list of ERIC publication/document types appears in the ***Thesaurus of ERIC Descriptors***. (See Appendix C for this information.)

**Limit Search by Year of Publication**

A search can be limited by the publication dates of documents and articles. For example, you may know before running your search that you want materials only from the last 5 or 10 years. The year of publication can be included as a limiting

factor in your original search strategy, or it can be used to modify a search if you find more abstracts than you need.

**Conduct Free-Text Searching**

Free-text searching enables you to search for unique words and phrases found in titles or abstracts. This approach is useful if you do not know the best descriptor to use, or know that there is no indexing term for a concept. For example, you could search the phrase "Head Start" to locate information on that topic. (The results of this search would show you that "Project Head Start" is searchable as an identifier.)

*Exercise:* *Conduct a manual or CD-ROM computer search for the topic of "cultural influences" and modify with "classroom communication."*

*Find three documents and three journal articles relevant to the topic of interest. Highlight whether the abstracts are of documents (EDs) or journal articles (EJs).* (*Transparencies #3.6 and #3.7* are sample ED and EJ resumes.)

## EVALUATION QUIZ

1. Select the five steps to follow in choosing a descriptor for a given search.

   ___ Describe the topic you wish to investigate and list key words to describe it.

   ___ Look up the rules for indexing in the ***Thesaurus of ERIC Descriptors***

   ___ Locate all documents identified with ED numbers.

   ___ Identify subtopics of the information.

   ___ Translate topics and subtopics into ERIC descriptors.

   ___ List the descriptors alphabetically.

   ___ Select descriptors that have been used over 3,000 times in RIE and CIJE.

   ___ Locate descriptors in the alphabetical descriptor display.

   ___ Make a final list of descriptors to use in the database search.

2. Find the descriptor Teacher Evaluation in the Alphabetical Descriptor Display in the Thesaurus. Copy the information for the following:

   Scope Note (SN)

   Use For (UF)

   Narrower Term (NT)

   Broader Term (BT)

   Related Term (RT)

3. Conduct a manual or CD-ROM search for documents and journal articles on TOTAL QUALITY MANAGEMENT in Postsecondary Institutions/Community Colleges following these steps:

   a. Locate the abstracts of five relevant documents and journal articles.

   b. Copy the abstracts.

   c. Note the ED or EJ number for each.

   d. Highlight the author's name for the document or journal article.

   e. Identify the type of document or name of journal noted in the abstract.

## LESSON FOUR: HOW TO ACCESS ERIC PRINT MATERIALS AND OTHER SERVICES

### OBJECTIVE:

The trainee will be able to obtain copies of documents and journal articles found in the ERIC database and consult ERIC Clearinghouse staff for information and/or services.

### REQUIRED MATERIALS:

Transparency packet for Lesson Four

### INSTRUCTIONAL STRATEGY:

Present the information highlighted in bold and underlined. Use the transparencies in Lesson Four Transparency Packet to reinforce the content of your presentation.

At the conclusion of your presentation for each section, have trainees answer the questions for that section.

Give trainees an opportunity to demonstrate their skill in obtaining copies of documents and journal articles described in the ERIC database and information from ERIC Clearinghouse staff by completing the activities at the end of this lesson.

### EVALUATION:

At the conclusion of this lesson, have trainees complete the Evaluation Quiz at the end of Lesson Four.

WHAT ARE ED- AND EJ-MARKED ITEMS?

ED items: documents

EJ items: journal articles

**Obtain Copies of Documents and Journal Articles**
*(Transparencies #4.1 and #4.2)*

The materials described in the ERIC database have either an "ED" or an "EJ" number.

Those identified with "ED" followed by six digits are documents. You can get the full text of most EDs by going to a library or other site with an ERIC microfiche collection. Over 1,000 libraries throughout the world subscribe to this collection. To locate the ERIC collection in your area, call any ERIC component. Most libraries or facilities having microfiche collections will have other ERIC services such as microfiche reproduction and searching.

Microfiche and paper copies of most ED items may be ordered from ERIC Document Reproduction Services (EDRS) in Alexandria, VA; phone (800) 443-ERIC. (Or, you may use the order form that is included in Appendix D.) Orders may also be placed directly with the producer (if one is listed in the "Availability" field of the ERIC database record). Many ERIC information service providers also have a reproduction service.

Items identified with "EJ" followed by six digits are articles from education journals. You can get many of these journals at research or university libraries or by requesting them through interlibrary loan. Reprints are also available from several article reproduction services, including—

- University Microfilms International (UMI)
  (800) 521-0600 ext. 2786
- Institute for Scientific Information (ISI)
  (800) 523-1850

EJ items are not available on microfiche or by ordering from EDRS.

***Exercise:*** *Discuss with other trainees which local libraries or other sites have an ERIC microfiche collection. Make a note of these.*

*Complete the EDRS document order form in Appendix D for one of the documents you identified.*

WHERE CAN YOU OBTAIN ERIC SERVICES?

- ACCESS ERIC
- ERIC Document Reproduction Service (EDRS)
- ERIC Processing and Reference Facility
- AskERIC on the Internet
- AskERIC on Commercial Networks
- ERIC Clearinghouses
- University libraries

**Obtain Other Information and/or Services from ERIC** (*Transparencies #4.3 to #4.5*)

ERIC provides many services that are accessible by telephone using a toll-free number:

**ACCESS ERIC**
**(800) LET-ERIC**

- Answers questions about ERIC and its products and services
- Helps you locate a place to do an ERIC database search
- Refers you to appropriate sources for education information
- Produces systemwide publications
- Provides ERIC information on commercial computer networks

**ERIC Document Reproduction Service (EDRS)**
**(800) 443-ERIC**

- Offers the full text of most ERIC documents in microfiche and paper copy
- Provides ERIC microfiche collections to more than 1,000 institutions
- Produces specialized microfiche collections

**ERIC Processing and Reference Facility**
**(800) 799-ERIC**

- Coordinates database building and maintenance
- Provides machine-readable tapes of the ERIC database and *ERIC Digests Online*
- Publishes the ***ERIC Identifier Authority List***

**AskERIC on the Internet at askeric@ericir.syr.edu** (*Transparencies #4.6*)

This service is a free Internet-based question-answering and education reference and referral service. It is available to anyone looking for education-related materials or information. Within 48 hours, you will receive a response that may include the full text of ERIC Digests, a mini-search of the ERIC database, or referrals to resource organizations. (See Appendix E.)

The ASKERIC Gopher also includes an electronic library of lesson plans, ERIC publications, reference tools, and access to other Gopher sites.

**AskERIC on Commercial Networks (800) LET-ERIC** (*Transparency #4.7*)

This service provides ERIC information ranging from full-text brochures and ERIC Digests to prepared database searches. It is available on various commercial networks, including—

- America Online
- America Tomorrow
- CompuServe
- GTE Educational Network Services

**Obtain Technical Assistance** (*Transparencies #4.8 and #4.9*)

ERIC clearinghouse staff are always ready to inform and train users on the ERIC system. Arrangements can be made to enlist ERIC staff to conduct workshops on any aspect of ERIC. ERIC also maintains booths at many professional conferences where staff are ready to answer questions and provide help. Clearinghouse staff also make presentations and offer workshops at meetings of many education-related organizations.

***Exercise:*** *List questions you would like answered by ERIC clearinghouse staff.*

## EVALUATION QUIZ

1. Describe in one paragraph how you would obtain copies of documents and journal articles (in person or through orders).

2. List services you plan to use and explain how those services will be useful to you.

# ERIC QuickSearch Card

## ERIC Publication Types

| Code | Publication Type |
|---|---|
| 010 | BOOKS |
| | COLLECTED WORKS |
| 020 | – General |
| 021 | – Conference Proceedings |
| 022 | – Serials |
| 030 | CREATIVE WORKS (Literature, Drama, Fine Arts) |
| | DISSERTATIONS/THESES |
| 040 | – Undetermined |
| 041 | – Doctoral Dissertations |
| 042 | – Masters Theses |
| 043 | – Practicum Papers |
| | GUIDES |
| 050 | – General |
| | – Classroom Use |
| 051 | – – Instructional Materials (for Learner) |
| 052 | – – Teaching Guides |
| 055 | – Nonclassroom Use (for administrative and support staff, teachers, parents, clergy, researchers, counselors, or others in nonclassroom situations) |
| 060 | HISTORICAL MATERIALS |
| 070 | INFORMATION ANALYSES (state-of-the-art papers, research summaries, reviews of the literature) |
| 071 | – ERIC Information Analysis Product |
| 072 | – Book/Product Reviews |
| 073 | – ERIC Digests (Selected) in Full Text |
| 080 | JOURNAL ARTICLES |
| 090 | LEGAL/LEGISLATIVE/REGULATORY MATERIALS |
| 100 | AUDIOVISUAL/NONPRINT MATERIALS |
| 101 | – Computer Programs |
| 102 | – Machine-Readable Data Files |
| 110 | STATISTICAL DATA |
| 120 | VIEWPOINTS (Position Papers, Opinion Papers, Essays) |
| | REFERENCE MATERIALS |
| 130 | – General |
| 131 | – Bibliographies/Annotated Bibliographies |
| 132 | – Directories/Catalogs |
| 133 | – Geographic Materials/Maps |
| 134 | – Vocabularies/Classifications/Dictionaries |
| | REPORTS |
| 140 | – General |
| 141 | – Descriptive (i.e., Project Descriptions) |
| 142 | – Evaluative/Feasibility |
| 143 | – Research/Technical |
| 150 | SPEECHES, CONFERENCE PAPERS |
| 160 | TESTS, EVALUATION INSTRUMENTS |
| 170 | TRANSLATIONS |
| 171 | – Multilingual/Bilingual Materials |

ERIC Clearinghouse on Adult, Career, and Vocational Education



BEST COPY AVAILABLE

# ERIC QuickSearch Card

The ERIC database contains many types of publications. Each document and journal article in the database is assigned a Publication Type Code that is searchable online and on CD-ROM. Combine the publication type with your subject matter terms to limit your results.

**DIALOG (Online or CD-ROM Command Search)***

Access using the prefix **DT=** followed by the appropriate Publication Type Code

Example: **DT=143** and vocational education
This will retrieve research and technical reports in vocational education.

*For CD-ROM Easy Menu Search, use Document Type search option

**BRS (Online only)**

Access using the Publication Type Code followed by **.pt.**

Example: **052.pt.** and adult-literacy
This will retrieve teaching guides in adult literacy.

**SilverPlatter (CD-ROM only)**

Access using the Publication Type Code followed by **in dt**

Example: **120 in dt** and career-change
This will retrieve viewpoints and opinion papers regarding career change.

ERIC Clearinghouse on Adult, Career, & Vocational Education
Center on Education and Training for Employment, The Ohio State University
1900 Kenny Road • Columbus, OH 43210 • 614-292-4353 • 800-848-4815 • Fax. 614-292-1260

# ERIC QuickSearch Card

## Sample Citations Using Dialog Field Labels

**Document Citation**

AN ED345021
CH CE061053
TI Illinois Tech Prep Planning Strategies.
CS Illinois Univ., Urbana. Dept. of Vocational and Technical Education.
PY Aug 1991
NT 117p.; For a related document, see CE 061 054.
SP Illinois State Board of Education, Springfield. Dept. of Adult, Vocational and Technical Education.
AV EDRS Price - MF01/PC05 Plus Postage.
DT Document Type: NON-CLASSROOM MATERIAL (055)
JA RIEOCT92
GL State
TA Practitioners
AB This tech prep planning handbook is based on the research conducted at the Office of Community College Research and Leadership, University of Illinois at Urbana-Champaign. The study involved information gathering procedures at each of the 17 tech prep pilot sites about their planning activities. Seven sections are included: (1) tech prep in Illinois; (2) applying the tech prep planning process; (3) involving key groups in planning tech prep; (4) developing the components of tech prep—local policies, staff development, articulated curriculum, curriculum development, written agreements, guidance and counseling, marketing, and business/industry collaboration; (5) putting tech prep into action; (6) evaluating the tech prep plan; and (7) four appendices—contributors, words of advice, 1990-1991 Tech Prep Initiatives' Profiles, and 15 suggested resources. (NLA)
DE *Articulation (Education); Curriculum Development; Educational Cooperation; *Educational Planning; High Schools; Program Evaluation; *Program Guides; Program Implementation; *School Business Relationship; Two Year Colleges; Vocational Education
ID Illinois; *Tech Prep

**Journal Citation**

AN EJ434094
CH CE523103
TI Invited Papers on the Carl D. Perkins Vocational and Applied Technology Education Act.
AU Anderson-Yates, Marcia; And Others
JN Journal of Studies in Technical Careers, v51 n4 p277-305 Nov 1991
DT JOURNAL ARTICLE (080); POSITION PAPER (120)
JA CIJMAR92
AB Includes "A New Vocational Education Act" (Anderson-Yates, Washburn); "Program Evaluation and Improvement under Perkins 1990" (Stadt); "The U.S. Department of Education's Perspective of Postsecondary Technical Training Needs" (Brand); and "The Tech Prep/Associate Degree Program" (Parnell). (JOW)
DE *Educational Change; *Federal Legislation; Futures (of Society); Postsecondary Education; Program Evaluation; Program Improvement; *School District Autonomy; Secondary Education; Special Needs Students; *Technical Education; *Vocational Education
ID *Carl D Perkins Voc and Appl Techn Educ Act 1990; *Tech Prep

ERIC Clearinghouse on Adult, Career, & Vocational Education
Center on Education and Training for Employment, The Ohio State University
1900 Kenny Road • Columbus, OH 43210 • 614-292-4353 • 800-848-4815 • Fax 614-292-1260

# ERIC QuickSearch Card

## Field Labels

| | Dialog | BRS | SilverPlatter |
|---|---|---|---|
| ERIC Accession Number | AN=ED123456 | .AN. | in AN |
| Clearinghouse Accession Number | AN=CE123456 | .CH. | in CHN |
| Clearinghouse Prefix | CH= | .CH. | in CH |
| Title | /TI | .TI. | in TI |
| Author | AU= | .AU. | in AU |
| Publication Date | PY= | .YR. | in PY |
| Journal Citation | JN= | .SO. | in JN |
| Publication Type | DT= | .PT. | in DT |
| Abstract/Annotation | /AB | .AB. | in AB |
| Institution (Preparing) | CS= | .IN. | in CS |
| Sponsoring Agency | SP= | .SN. | in SP |
| Descriptor | /DE; /maj | .MJ.(major); .MN. (minor) | in DE; DEM (major) |
| Identifier | /ID; /maj | .ID. | in ID; IDM (major) |

ERIC Clearinghouse on Adult, Career, and Vocational Education

# ERIC QuickSearch Card

## Search Steps

**Develop search strategy** Know exactly what you are looking for. Be as specific as possible. Use the ***Thesaurus of ERIC Descriptors*** or the ***ERIC Identifier Authority List*** to select terms that describe your topic. Separate your topic into concepts such as vocational education, adult literacy, secondary education; translate those concepts into ERIC descriptors; limit as necessary. Sometimes, condensing your search question into a single written sentence helps to clarify the topic and simplify the strategy.

**Begin your search** Log on to the system and begin a new search.

**Enter search terms** Separately type the terms selected for each concept using the **OR** operator. When all concepts are selected, use the **AND** operator to combine them.

**Limit your search** Limit the output by year, by document type, by major descriptor, or by foreign language.

**Display results** To ensure that the materials that you have retrieved are relevant, look at some of the citations.

**Print or download results** Select citations that are relevant and either download the results to a diskette or print them.

ERIC Clearinghouse on Adult, Career, & Vocational Education
Center on Education and Training for Employment, The Ohio State University
1900 Kenny Road • Columbus, OH 43210 • 614-292-4353 • 800-848-4815 • Fax. 614-292-1260

# ERIC QuickSearch Card

## Frequently Used Commands

| Command | Dialog | BRS | SilverPlatter |
|---|---|---|---|
| Select terms | ss vocational education<br>ss adults/df<br>ss adult/de | vocational-education.mj.<br>adults.mj,mn.<br>adult.de. | vocational-education<br>adults- in de<br>adult in de |
| Combine | ss s1 or s3<br>ss s5 and s7 | 1 and 3<br>2 or 4 | #1 and #3<br>#6 or #7 |
| by language<br>by accession number<br>to major descriptor<br>to language | l3/eng<br>l5/ed123456-ed999999<br>l6/maj<br>la=german (combine with appropriate set) | ..l/1 lg=eng<br><br>job-skills.mj.<br>sp.lg. (combine) | la=spaniah<br><br>job-skills in dem<br>spanish in la<br>(combine either) |
| Print Offline | p6/5/all<br>p7/7/1,3,5-7 | ..po 1 all/doc-1-10/id=smith,john | N/A |
| Print Online | t6/5/all<br>t4/3/1,5,9-11 | ..p 2 an,au,ti/doc=1-10 | menu command |

ERIC Clearinghouse on Adult, Career, and Vocational Education

# ERIC QuickSearch Card

## Using the ERIC Thesaurus on Dialog Ondisc ERIC

All documents and journal articles in the ERIC database are assigned standardized terms from the ***Thesaurus of ERIC Descriptors*** to assist in locating relevant material. Searching by descriptor allows you to conduct a more precise search. In addition to descriptors, ERIC also uses identifiers to index materials. Identifiers are key words not found in the thesaurus. They are often proper names or concepts not yet represented by approved descriptors. Identifiers are used to index geographic locations, personal names, test or program names, legislation, and so forth. They are listed in the ***ERIC Identifier Authority List*** (IAL). If you do not have a print copy of the thesaurus or IAL, and are searching ERIC on CD-ROM, you can easily locate appropriate terms.

**SELECT:**
**Begin a new search**

**SEARCH OPTIONS**, select:
**ERIC subject headings**
Type your term

A list of terms appears that includes the word or phrase you typed, the number of records containing that term, and the number of related terms. Any term with related terms and/or a large number of postings will be a descriptor or an identifier. Press **F10** when you have selected all relevant terms.

**Major ERIC subject headings**

An additional option is to select **Major ERIC subject headings**. When you type a term, the number of records in which it appears as a major descriptor or identifier will be given. If the term is **not** a descriptor, the number will be zero.

Major subject headings will identify only those records in which your topic is the major focus of the document or journal article. You will retrieve fewer citations but they will be more precise.

**Minor ERIC subject headings**

Terms that are not usually majored include the mandatory educational level descriptors such as ELEMENTARY EDUCATION, SECONDARY EDUCATION, or ADULT EDUCATION; terms that identify document types or parts of the document such as CURRICULUM GUIDES, TABLES (DATA), or QUESTIONNAIRES; or the term FOREIGN COUNTRIES, which is used to designate material that is about or from a country outside of the United States. These will be majored only if they are the primary focus of the document.

ERIC Clearinghouse on Adult, Career, & Vocational Education
Center on Education and Training for Employment, The Ohio State University
1900 Kenny Road • Columbus, OH 43210 • 614-292-4353 • 800-848-4815 • Fax. 614-292-1260

# ERIC QuickSearch Card

## Using the ERIC Thesaurus on SilverPlatter

All documents and journal articles in the ERIC database are assigned standardized terms from the ***Thesaurus of ERIC Descriptors*** to assist in locating relevant material. Searching by descriptor allows you to conduct a more precise search. In addition to descriptors, ERIC also uses identifiers to index materials. Identifiers are key words not found in the thesaurus. They are often proper names or concepts not yet represented by approved descriptors. Identifiers are used to index geographic locations, personal names, test or program names, legislation, and so forth. They are listed in the ***ERIC Identifier Authority List*** (IAL). If you do not have a print copy of the thesaurus or IAL, and are searching ERIC on CD-ROM, you can easily locate appropriate terms.

If you know the descriptor or identifier you want to search:

**FIND:**

For Descriptors:

Enter with hyphens separating words:
**VOCATIONAL-EDUCATION**

If the descriptor has only one word:
**ADULTS IN DE** (descriptor)

To select **major** terms:
**PROFESSIONAL-DEVELOPMENT IN DEM** (descriptor, major)

For Identifiers:

**CAREER-RESOURCE-CENTERS IN IDM** (identifier, major)

*If you don't know the terms you want to select*, choose **F9**. (You can also press **ESC** and a menu command will appear. Select **T** for Thesaurus.) You will be asked to type a word or phrase and a list of terms will appear. Select from that list.

ERIC Clearinghouse on Adult, Career, and Vocational Education

# ERIC QuickSearch Card

## Searching ERIC on Dialog OnDisc ERIC

*DIALOG Easy Menu Search*

Select: **Begin a new search**

Search Options:

**ERIC Subject Headings**

Type your term

A list of terms appears that includes the word or phrase you typed, the number of records containing the term, and the number of related terms. Any term with related terms or a large number of postings will be a descriptor or identifier. Press **F10** when you have selected all relevant terms.

**Limit with additional concepts**

Select **ERIC Subject Headings**, **Publication Year**, **Document Type**, or another limiting option. When you have typed the delimiter, again press **F10**. Depending upon the number of citations remaining, you may want to limit further or display results.

**Display results**

You can choose how much of a citation you want to see—all of it, titles only, authors and titles, or the other options listed.

**Mark records**

Press **F7** to mark those records that you want to print or download.

**Print/Transfer results**

Press **F8** either to print or transfer to diskette the citations you have chosen. You will be asked which of the records you want. If you select transfer, be sure to include the correct computer drive in your filename: **a:filename**. Should you decide to transfer the records, you can them call them up on a word processor and manipulate them as needed.

ERIC Clearinghouse on Adult, Career, & Vocational Education

Center on Education and Training for Employment, The Ohio State University
1900 Kenny Road • Columbus, OH 43210 • 614-292-4353 • 800-848-4815 • Fax. 614-292-1260

# ERIC QuickSearch Card

## Searching ERIC on SilverPlatter

FIND: Type the terms you want to search. If you are using ERIC descriptors or identifiers, separate words in a phrase with a hyphen, e.g., **vocational-education.** If you are searching a single word descriptor, you can put a hyphen at the end, e.g., **adults-**, or add a field label, e.g., **disabilities in dem**. You will retrieve those documents or journal articles indexed with that descriptor. Adding **dem** limits the search to those items indexed with a major descriptor.

Enter all possible terms for a single concept, separating them with the Boolean operator **OR**, e.g., career-education **OR** career-awareness **OR** career-guidance.

When all terms have been entered, combine the concepts with the Boolean operator **AND**, e.g., #5 **AND** secondary-education, or #5 **AND** #8.

ERIC® Clearinghouse on Adult, Career, and Vocational Education

# Appendix A

## The ERIC Clearinghouses

# ERIC NETWORK COMPONENTS

The ERIC network of organizations is comprised of the following major components:

## • ERIC Program Office

The central funding and monitoring unit within the U.S. Department of Education, Office of Educational Research and Improvement (OERI). Responsible for overall management of the ERIC network.

Educational Resources Information Center (ERIC)
Office of Educational Research and Improvement (OERI)
U.S. Department of Education
555 New Jersey Avenue, NW
Washington, DC 20208-5720

| | |
|---|---|
| Telephone: | 202-219-2289 |
| FAX: | 202-219-1817 |
| Internet: | eric@inet.ed.gov |

## • ERIC Clearinghouses

Sixteen contractors from the academic and not-for-profit sectors, each responsible for collecting the significant educational literature within their particular scope of interest area (e.g., career education), selecting the highest quality and most relevant material, processing (i.e., cataloging, indexing, abstracting) the selected items for input to the database, and also for synthesizing the literature and providing information analysis products (e.g., Digests) and various user services. (See list on p. 2-3.)

## • Adjunct ERIC Clearinghouses

Various organizations that cooperate with ERIC Clearinghouses at no cost to ERIC to cover a particular specialized area of education in which they have a special interest, e.g., consumer education. (See list on p. 3.)

## • ERIC Support Components

Four components providing various specialized technical services in support of the ERIC Program Office, ERIC Clearinghouses, and each other: e.g., centralized database management and abstract journal production, document delivery and micrographics, outreach and user services, and commercial publishing (*Current Index to Journals in Education* (CIJE) and ERIC *Thesaurus*). (See list on p.4.)

# ERIC CLEARINGHOUSES

**ERIC Clearinghouse on ADULT, CAREER, AND VOCATIONAL EDUCATION (CE)**
Ohio State University
Center on Education and Training for Employment
1900 Kenny Road
Columbus, Ohio 43210-1090
**Telephone:** 614-292-4353; **800:** 800-848-4815
**FAX:** 614-292-1260
**Internet:** ericacve@magnus.acs.ohio-state.edu

All levels of adult and continuing education from basic literacy training through professional skill upgrading. The focus is upon factors contributing to the purposeful learning of adults in a variety of life situations usually related to adult roles (e.g., occupation, family, leisure time, citizenship, organizational relationships, retirement, and so forth). Includes input from Adjunct ERIC Clearinghouse on Consumer Education.

**ERIC Clearinghouse on ASSESSMENT AND EVALUATION (TM)**
Catholic University of America
210 O'Boyle Hall
Washington, DC 20064-4035
**Telephone:** 202-319-5120; **800:** 800-464-ERIC (3742)
**FAX:** 202-319-6692
**Internet:** eric_ae@cua.edu

All aspects of tests and other measurement devices. The design and methodology of research, measurement, and evaluation. The evaluation of programs and projects. The application of tests, measurement, and evaluation devices/instrumentation in education projects and programs. Includes input from Adjunct ERIC Clearinghouse for the Test Collection.

**ERIC Clearinghouse for COMMUNITY COLLEGES (JC)**
University of California at Los Angeles (UCLA)
3051 Moore Hall
405 Hilgard Avenue
Los Angeles, California 90024-1564
**Telephone:** 310-825-3931; **800:** 800-832-8256
**FAX:** 310-206-8095
**Internet:** eeh3usc@mvs.oac.ucla.edu

Development, administration, and evaluation of two-year public and private community and junior colleges, technical institutes,and two-year branch university campuses. Two-year college students, faculty, staff, curricula, programs, support services, libraries, and community services. Linkages between two-year colleges and business/industrial/community organizations. Articulation of two-year colleges with secondary and four-year postsecondary institutions.

**ERIC Clearinghouse on COUNSELING AND STUDENT SERVICES (CG)**
University of North Carolina at Greensboro
School of Education
101 Park Building
Greensboro, North Carolina 27412-5001
**Telephone:** 910-334-4114; **800:** 800-414-9769
**FAX:** 910-334-4116
**Internet:** ericcass@iris.uncg.edu

Preparation, practice, and supervision of counselors at all educational levels and in all settings. Theoretical development of counseling and guidance, including the nature of relevant human characteristics. Use and results of personnel practices and procedures. Group process (counseling, therapy, dynamics) and case work.

**ERIC Clearinghouse on DISABILITIES AND GIFTED EDUCATION (EC)**
Council for Exceptional Children (CEC)
1920 Association Drive
Reston, Virginia 22091-1589
**Telephone:** 703-264-9474; **800:** 800-328-0272
**FAX:** 703-264-9494
**Internet:** ericec@inet.ed.gov

All aspects of the education and development of persons (of all ages) who have disabilities or who are gifted, including the delivery of all types of education-related services to these groups. Includes prevention, identification and assessment, intervention, and enrichment for these groups, in both regular and special education settings.

**ERIC Clearinghouse on EDUCATIONAL MANAGEMENT (EA)**
University of Oregon
1787 Agate Street
Eugene, Oregon 97403-5207
**Telephone:** 503-346-5043; **800:** 800-438-8841
**FAX:** 503-346-2334
**Internet:** ppiele@oregon.uoregon.edu

All aspects of the governance, leadership, administration, and structure of public and private educational organizations at the elementary and secondary levels, including the provision of physical facilities for their operation.

**ERIC Clearinghouse on ELEMENTARY AND EARLY CHILDHOOD EDUCATION (PS)**
University of Illinois
805 West Pennsylvania Avenue
Urbana, Illinois 61801-4897
**Telephone:** 217-333-1386; **800:** 800-583-4135
**FAX:** 217-333-3767
**Internet:** ericeece@ux1.cso.uiuc.edu

All aspects of the physical, cognitive, social, emotional, educational, and cultural development of children, from birth through early adolescence. Among the topics covered are: prenatal and infant development and care; parent education; home and school relationships; learning theory research and practice related to children's development; preparation of early childhood teachers and caregivers; and educational programs and community service for children.

**ERIC Clearinghouse on HIGHER EDUCATION (HE)**
George Washington University
One Dupont Circle, N.W., Suite 630
Washington, DC 20036-1183
**Telephone:** 202-296-2597; **800:** 800-773-ERIC (3742)
**FAX:** 202-296-8379
**Internet:** eriche@inet.ed.gov

All aspects of the conditions, programs, and problems at colleges and universities providing higher education (i.e., four-year degrees and beyond). This includes: governance and management; planning; finance; inter-institutional arrangements; business or industry programs leading to a degree; institutional research at the college/university level; Federal programs; legal issues and legislation; professional education (e.g., medicine, law, etc.) and professional continuing education.

**ERIC Clearinghouse on INFORMATION & TECHNOLOGY (IR)**
Syracuse University
Center for Science and Technology, 4th Floor, Room 194
Syracuse, New York 13244-4100
**Telephone:** 315-443-3640
**800:** 800-464-9107
**FAX:** 315-443-5448
**Internet:** eric@ericir.syr.edu

**AskERIC** (Question-answering service via Internet):
askeric@ericir.syr.edu
**Telephone:** 315-443-9114

Educational technology and library/information science at all academic levels and with all populations, including the preparation of professionals. The media and devices of educational communication, as they pertain to teaching and learning (in both conventional and distance education settings). The operation and management of libraries and information services. All aspects of information management and information technology related to education.

**ERIC Clearinghouse on LANGUAGES AND LINGUISTICS (FL)**
Center for Applied Linguistics (CAL)
1118 22nd Street, N.W.
Washington, DC 20037-0037
**Telephone:** 202-429-9292; **800:** 800-276-9834
**FAX:** 202-659-5641
**Internet:** eric@cal.org

Languages and language sciences. All aspects of second language instruction and learning in all commonly and uncommonly taught languages, including English as a second language. Bilingualism and bilingual education. Cultural education in the context of second language learning, including intercultural communication, study abroad, and international educational exchange. All areas of linguistics, including theoretical and applied linguistics, sociolinguistics, and psycholinguistics. Includes input from Adjunct ERIC Clearinghouse on ESL Literacy Education.

**ERIC Clearinghouse on READING, ENGLISH, AND COMMUNICATION (CS)**
Indiana University
Smith Research Center, Suite 150
2805 East 10th Street
Bloomington, Indiana 47408-2698
**Telephone:** 812-855-5847; **800:** 800-759-4723
**FAX:** 812-855-4220
**Internet:** ericcs@ucs.indiana.edu

Reading and writing, English (as a first language), and communications skills (verbal and nonverbal), kindergarten through college. Includes family or intergenerational literacy. Research and instructional development in reading, writing, speaking, and listening. Identification, diagnosis, and remediation of reading problems. Speech communication (including forensics), mass communication (including journalism), interpersonal and small group interaction, oral interpretation, rhetorical and communication theory, and theater/drama. Preparation of instructional staff and related personnel in all the above areas.

**ERIC Clearinghouse on RURAL EDUCATION AND SMALL SCHOOLS (RC)**
Appalachia Educational Laboratory (AEL)
1031 Quarrier Street, P.O. Box 1348
Charleston, West Virginia 25325-1348
**Telephone:** 304-347-0465; **800:** 800-624-9120
**FAX:** 304-347-0487
**Internet:** u56d9@wvnvm.wvnet.edu

Curriculum and instructional programs and research/evaluation efforts that address the education of students in rural schools or districts, small schools wherever located, and schools of districts wherever located that serve American Indian and Alaskan natives, Mexican Americans, and migrants, or that have programs related to outdoor education. Includes the cultural, ethnic, linguistic, economic, and social conditions that affect these educational institutions and groups. Preparation programs, including related services, that train education professionals to work in such contexts.

**ERIC Clearinghouse for SCIENCE, MATHEMATICS, AND ENVIRONMENTAL EDUCATION (SE)**
Ohio State University
1929 Kenny Road
Columbus, Ohio 43210-1080
**Telephone:** 614-292-6717; **800:** 800-276-0462
**FAX:** 614-292-0263
**Internet:** ericse@osu.edu

Science, mathematics, engineering/technology, and environmental education at all levels. The following topics when focused on any of the above broad scope areas: applications of learning theory; curriculum and instructional materials; teachers and teacher education; educational programs and projects; research and evaluative studies; applications of educational technology and media.

**ERIC Clearinghouse for SOCIAL STUDIES/ SOCIAL SCIENCE EDUCATION (SO)**
Indiana University
Social Studies Development Center
2805 East 10th Street, Suite 120
Bloomington, Indiana 47408-2698
**Telephone:** 812-855-3838; **800:** 800-266-3815
**FAX:** 812-855-0455
**Internet:** ericso@ucs.indiana.edu

All aspects of Social Studies and Social Science Education, including values education (and the social aspects of environmental education and sex education), international education, comparative education, and cross-cultural studies in all subject areas (K-12). Ethnic heritage, gender equity, aging, and social bias/discrimination topics. Also covered are music, art, and architecture as related to the fine arts. Includes input from Adjunct ERIC Clearinghouses for U.S.-Japan Studies, Art Education, and Law-Related Education.

**ERIC Clearinghouse on TEACHING AND TEACHER EDUCATION (SP)**
American Association of Colleges for Teacher Education (AACTE)
One Dupont Circle, N.W., Suite 610
Washington, DC 20036-1186
**Telephone:** 202-293-2450; **800:** 800-822-9229
**FAX:** 202-457-8095
**Internet:** ericsp@inet.ed.gov

School personnel at all levels. Teacher recruitment, selection, licensing, certification, training, preservice and inservice preparation, evaluation, retention, and retirement. The theory, philosophy, and practice of teaching. Organization, administration, finance, and legal issues relating to teacher education programs and institutions. All aspects of health, physical, recreation, and dance education. Includes input from Adjunct ERIC Clearinghouse on Clinical Schools.

**ERIC Clearinghouse on URBAN EDUCATION (UD)**
Teachers College, Columbia University
Institute for Urban and Minority Education
Main Hall, Room 303, Box 40
525 West 120th Street
New York, New York 10027-9998
**Telephone:** 212-678-3433; **800:** 800-601-4868
**FAX:** 212-678-4048
**Internet:** eric-cue@columbia.edu

The educational characteristics experiences of the diverse racial, ethnic, social class, and linguistic populations in urban (and suburban) schools. Curriculum and instruction of students from these populations and the organization of their schools. The relationship of urban schools to their communities. The social and economic conditions that affect the education of urban populations, with particular attention to factors that place urban students at risk educationally, and ways that public and private sector policies can improve these conditions.

## ADJUNCT ERIC CLEARINGHOUSES

**Adjunct ERIC Clearinghouse for Art Education**
Indiana University
Social Studies Development Center
2805 East 10th Street, Suite 120
Bloomington, India 47408-2373
**Telephone:** 812-855-3838
**Fax:** 812-855-0455
**Internet:** —

**Adjunct ERIC Clearinghouse on Chapter 1 (Compensatory Education)**
Chapter 1 Technical Assistance Center
PRC Inc.
2601 Fortune Circle East
One Park Fletcher Building, Suite 300-A
Indianapolis, Indiana 46241-2237
**Telephone:** 317-244-8160; **800:** 800-456-2380
**Fax:** 317-244-7386
**Internet:** prcinc@delphi.com

**Adjunct ERIC Clearinghouse on Clinical Schools**
American Association of Colleges for Teacher Education (AACTE)
One Dupont Circle, NW, Suite 610
Washington, DC 20036-1186
**Telephone:** 202-293-2450; **800:** 800-822-9229
**Fax:** 202-457-8095
**Internet:** iabdalha@inet.ed.gov

**Adjunct ERIC Clearinghouse on Consumer Education**
National Institute for Consumer Education (NICE)
207 Rackham Building, West Circle Drive
Eastern Michigan University
Ypsilanti, Michigan 48197-2237
**Telephone:** 313-487-2292; **800:** 800-336-6423
**Fax:** 313-487-7153
**Internet:** cee_bonner@emuvax.emich.edu

**Adjunct ERIC Clearinghouse for ESL Literacy Education**
National Clearinghouse for Literacy Education (NCLE)
Center for Applied Linguistics (CAL)
1118 22nd Street, NW
Washington, DC 20037-0037
**Telephone:** 202-429-9292, Ext. 200
**Fax:** 202-659-5641
**Internet:** ncle@cal.org

**Adjunct ERIC Clearinghouse for Law-Related Education**
Indiana University
Social Studies Development Center
2805 East 10th Street, Suite 120
Bloomington, Indiana 47408-2373
**Telephone:** 812-855-3838
**Fax:** 812-855-0455
**Internet:** patrick@ucs.indiana.edu

**Adjunct ERIC Clearinghouse for the Test Collection**
Educational Testing Service (ETS)
ETS Test Collection
Rosedale and Carter Roads
Princeton, New Jersey 08541
**Telephone:** 609-734-5737
**Fax:** 609-683-7186
**Internet:** mhalpern@rosedale.org

**Adjunct ERIC Clearinghouse for United States-Japan Studies**
Indiana University
Social Studies Development Center
3805 East 10th Street, Suite 120
Bloomington, Indiana 47408-2698
**Telephone:** 812-855-3838
**Fax:** 812-855-0455
**Internet:** eabrooks@ucs.indiana.edu

## ERIC SUPPORT COMPONENTS

### CENTRALIZED DATABASE MANAGEMENT (And Abstract Journal Production)

**ERIC Processing and Reference Facility**
Computer Sciences Corporation
Systems Engineering Division
1301 Piccard Drive, Suite 300
Rockville, Maryland 20850-4305
**Telephone:** 301-258-5500
**800:** 800-799-ERIC (3742)
**FAX:** 301-948-3695
**Internet:** ericfac@inet.ed.gov

### OUTREACH AND USER SERVICES

**ACCESS ERIC**
Aspen Systems Corporation
1600 Research Boulevard
Rockville, Maryland 20850-3172
**Telephone:** 301-251-5506
**800:** 800-LET-ERIC (538-3742)
**FAX:** 301-251-5767
**Internet:** acceric@inet.ed.gov

### DOCUMENT DELIVERY AND MICROGRAPHICS

**ERIC Document Reproduction Service (EDRS)**
7420 Fullerton Road, Suite 110
Springfield, Virginia 22153-2852
**Telephone:** 703-440-1400
**800:** 800-443-ERIC (3742)
**FAX:** 703-440-1408
**Internet:** edrs@gwuvm.gwu.edu

### CIJE AND THESAURUS PUBLISHING

**Oryx Press**
4041 North Central Avenue at Indian School
Suite 700
Phoenix, Arizona 85012-3397
**Telephone:** 602-265-2651
**800:** 800-279-ORYX (6799)
**FAX:** 800-279-4663; 602-265-6250
**Internet:** info@oryxpress.com



BEST COPY AVAILABLE

# Appendix B

## Reproduction Release Form

**U.S. DEPARTMENT OF EDUCATION**
*Office of Educational Research and Improvement (OERI)*
*Educational Resources Information Center (ERIC)*

# REPRODUCTION RELEASE
(Specific Document)

## I. DOCUMENT IDENTIFICATION:

| | |
|---|---|
| Title: | |
| Author(s): | |
| Corporate Source: | Publication Date: |

## II. REPRODUCTION RELEASE:

In order to disseminate as widely as possible timely and significant materials of interest to the educational community, documents announced in the monthly abstract journal of the ERIC system, *Resources in Education* (RIE), are usually made available to users in microfiche, reproduced paper copy, and electronic/optical media, and sold through the ERIC Document Reproduction Service (EDRS) or other ERIC vendors. Credit is given to the source of each document, and, if reproduction release is granted, one of the following notices is affixed to the document.

If permission is granted to reproduce the identified document, please CHECK ONE of the following options and sign the release below.

☐ ← **Sample sticker to be affixed to document**

**Check here**
Permitting microfiche (4" x 6" film), paper copy, electronic, and optical media reproduction.

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

Sample

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)"

**Level 1**

**Sample sticker to be affixed to document** → ☐

"PERMISSION TO REPRODUCE THIS MATERIAL IN OTHER THAN PAPER COPY HAS BEEN GRANTED BY

Sample

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)"

**Level 2**

**or here**
Permitting reproduction in other than paper copy.

## Sign Here, Please

Documents will be processed as indicated provided reproduction quality permits. If permission to reproduce is granted, but neither box is checked, documents will be processed at Level 1.

"I hereby grant to the Educational Resources Information Center (ERIC) nonexclusive permission to reproduce this document as indicated above. Reproduction from the ERIC microfiche or electronic/optical media by persons other than ERIC employees and its system contractors requires permission from the copyright holder. Exception is made for non-profit reproduction by libraries and other service agencies to satisfy information needs of educators in response to discrete inquiries."

| | |
|---|---|
| Signature: | Position: |
| Printed Name: | Organization: |
| Address: | Telephone Number: ( ) |
| | Date: |

OVER

## III. DOCUMENT AVAILABILITY INFORMATION (FROM NON-ERIC SOURCE):

If permission to reproduce is not granted to ERIC, or, if you wish ERIC to cite the availability of the document from another source, please provide the following information regarding the availability of the document. (ERIC will not announce a document unless it is publicly available, and a dependable source can be specified. Contributors should also be aware that ERIC selection criteria are significantly more stringent for documents that cannot be made available through EDRS.)

| Publisher/Distributor: | |
|---|---|
| Address: | |
| Price Per Copy: | Quantity Price: |

## IV. REFERRAL OF ERIC TO COPYRIGHT/REPRODUCTION RIGHTS HOLDER:

If the right to grant reproduction release is held by someone other than the addressee, please provide the appropriate name and address:

Name and address of current copyright/reproduction rights holder:

Name:

Address:

## V. WHERE TO SEND THIS FORM:

Send this form to the following ERIC Clearinghouse:

If you are making an unsolicited contribution to ERIC, you may return this form (and the document being contributed) to:

ERIC Facility
1301 Piccard Drive, Suite 300
Rockville, Maryland 20850-4305
Telephone: (301) 258-5500

(Rev. 9/91)

# Appendix C

## ERIC Publication/Document Types

# ERIC PUBLICATION TYPES

| CODE | PUBLICATION TYPE |
|---|---|
| 010 | **BOOKS** |
| | **COLLECTED WORKS** |
| 020 | — General |
| 021 | — Conference Proceedings |
| 022 | — Serials |
| 030 | **CREATIVE WORKS** (Literature, Drama, Fine Arts) |
| | **DISSERTATIONS/THESES** |
| 040 | — Undetermined |
| 041 | — Doctoral Dissertations |
| 042 | — Masters Theses |
| 043 | — Practicum Papers |
| | **GUIDES** |
| 050 | — General (use more specific code, if possible) |
| | — Classroom Use |
| 051 | — Instructional Materials (For Learner) |
| 052 | — Teaching Guides (For Teacher) |
| 055 | — Non-Classroom Use (For Administrative and Support Staff, and for Teachers, Parents, Clergy, Researchers, Counselors, etc.) |
| 060 | **HISTORICAL MATERIALS** |
| 070 | **INFORMATION ANALYSES** (State-of-the-Art Papers, Research Summaries, Literature Reviews, etc.) |
| 071 | — ERIC Information Analysis Products (IAPs) |
| 072 | — Book/Product Reviews |
| 073 | — ERIC Digests (Selected) in Full Text |
| 074 | — Non-ERIC Digests (Selected) in Full Text |

| CODE | PUBLICATION TYPE |
|---|---|
| 080 | **JOURNAL ARTICLES** |
| 090 | **LEGAL/LEGISLATIVE/REGULATORY MATERIALS** |
| 100 | **AUDIOVISUAL/NON-PRINT MATERIALS** |
| 101 | — Computer Programs |
| 102 | — Machine-Readable Data Files (MRDFs) |
| 110 | **STATISTICAL DATA** (Numerical, Quantitative, etc.) |
| 120 | **VIEWPOINTS** (Opinion Papers, Position Papers, Essays, etc.) |
| | **REFERENCE MATERIALS** |
| 130 | — General (use more specific code, if possible) |
| 131 | — Bibliographies/Annotated Bibliographies |
| 132 | — Directories/Catalogs |
| 133 | — Geographic Materials/Maps |
| 134 | — Vocabularies/Classifications/Dictionaries |
| | **REPORTS** |
| 140 | — General (use more specific code, if possible) |
| 141 | — Descriptive (i.e., Project Descriptions) |
| 142 | — Evaluative/Feasibility |
| 143 | — Research/Technical |
| 150 | **SPEECHES, CONFERENCE PAPERS** |
| 160 | **TESTS, EVALUATION INSTRUMENTS** |
| 170 | **TRANSLATIONS** |
| 171 | — Multilingual/Bilingual Materials |

# Appendix D

**ERIC Document Reproduction Service Form**

# ORDER FORM

## ERIC DOCUMENT REPRODUCTION SERVICE - EDRS

Operated by: DynTel Corporation formerly CBIS Federal Inc.
7420 Fullerton Road • Suite 110
Springfield, Virginia 22153-2852

Please allow 3 to 5 business days for EDRS to process your order and at least one week for shipping.

**TELEPHONE ORDERS: Call 1-800-443-ERIC or (703) 440-1400**
**FAX ORDERS: (703) 440-1408 INTERNET ORDERS: edrs@inet.ed.gov**
**(24 hours per day, 7 days per week)**

### ADDRESS INFORMATION

Date: __/__/__ Telephone (_____) _____
Name: _____
Organization: _____
Ship To: _____
_____
City: _____ State _____
County: _____ Zip _____
Country: _____
Tax Exempt: Yes No (Please Circle)
Tax Exemption Number: _____
(A completed exemption certificate to EDRS must accompany order.)

### METHOD OF PAYMENT

International Orders Must Be Prepaid
☐ Check or Money Order (U.S. Dollars) $_____
☐ Purchase Order (Domestic Only) #_____
☐ Charge My Deposit Account #_____
Charge My ☐ Visa ☐ MasterCard
Account #_____
Expir. Date _____
Cardholder's Name _____
(Please Print)
Signature _____
(Required to Validate All Deposit Account and Credit Card Orders.)

### ORDERING INSTRUCTIONS

- Enter 6-Digit ED Number
- Enter Number of Pages in Document
- Enter Document Price from Price Schedule Below
- Enter Quantity, Specifying Microfiche (MF) or Paper Copy(PC)
- Enter Total Price per Document
- Enter Shipping Charges - See Instructions on Reverse

| ED Number | No. of Pages | Document Price | Quantity | | Total Price |
|---|---|---|---|---|---|
| | | | MF | PC | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | Subtotal | | | |
| | | Shipping | | | |
| | | Tax | | | |
| | | TOTAL COST | | | |

**ERIC DOCUMENT PRICE SCHEDULE****
**Based on Number of Pages in Original Document**

| Paper Copy (PC) | | | Microfiche (MF) | | |
|---|---|---|---|---|---|
| Price Code | No. of Pages | Price | Price Code | No. of Pages | Price |
| PC01 | 1 - 25 | $ 3.85 | MF01 | 1 - 480 | $1.30 |
| PC02 | 26 - 50 | $ 7.70 | MF02 | 481 - 576 | $1.55 |
| PC03 | 51 - 75 | $11.55 | MF03 | 577 - 672 | $1.80 |
| PC04 | 76 - 100 | $15.40 | MF04 | 673 - 768 | $2.05 |
| PC05 | 101 - 125 | $19.25 | MF05 | 769 - 864 | $2.30 |
| PC06 | 126 - 150 | $23.10 | MF06 | 865 - 960 | $2.55 |
| PC07 | 151 - 175 | $26.95 | MF07 | 961 - 1056 | $2.80 |
| Each Additional 25 Pages or Fraction = $3.85 | | | Each Additional 96 Pages (1 Microfiche) or Fraction = $.25 | | |
| PRICES ARE PER DOCUMENT | | | | | |

****EDRS prices effective January 1, 1995.**
**Prices are subject to change without notice.**

All residents of AL, CA, CO, DC, FL, GA, IL, KY, MD, MO, NJ, OH, TX, and VA must add state and local taxes (subject to change).

### EXPEDITED SHIPPING METHODS

You may request expedited shipment by:
• USPS Express Mail • UPS 2nd Day Air • UPS 3 Day Select • UPS Next Day Air • Federal Express • FAX Transmission

Shipping or FAX transmission charges will be added to the cost of the document(s) by EDRS.

Effective January 1, 1995

## SHIPPING INFORMATION

**Please consult appropriate rate chart.**
**UPS will not deliver to a P.O. Box address.**

**DOMESTIC: ALL ORDERS ARE SHIPPED AS FOLLOWS, UNLESS OTHERWISE SPECIFIED:**

- All Paper Copy (PC) orders are shipped via UPS
- All Microfiche (MF) orders over 81 microfiche are shipped via UPS
- All Microfiche (MF) orders under 81 microfiche are shipped via USPS 1st Class

UPS rates as shown are based on the Zone furthest from Springfield, VA. Your shipping charges should not exceed these rates.

**PLEASE NOTE: SHIPPING COSTS CAN CHANGE WITHOUT NOTICE**

**UPS RATE CHART**
**Shipping Charges should not exceed the following:**

| 1 lb. | 2 lbs. | 3 lbs. | 4 lbs. | 5 lbs. |
|---|---|---|---|---|
| 81-160 MF or 1-75 PC (Pages) $3.96 | 161-330 MF or 76-150 PC (Pages) $4.64 | 331-500 MF or 151-225 PC (Pages) $5.06 | 501-670 MF or 226-300 PC (Pages) $5.37 | 671-840 MF or 301-375 PC (Pages) $5.61 |
| **6 lbs.** | **7 lbs.** | **8 lbs.** | **9 lbs.** | **10 lbs.** |
| 841-1010 MF or 376-450 PC (Pages) $5.76 | 1011-1180 MF or 451-525 PC (Pages) $6.01 | 1181-1350 MF or 526-600 PC (Pages) $6.42 | 1351-1520 MF or 601-675 PC (Pages) $6.88 | 1521-1690 MF or 676-750 PC (Pages) $7.34 |

**USPS FIRST CLASS RATE CHART**
**Shipping charges should not exceed the following:**

| 1-7 Microfiche | 8-19 Microfiche | 20-30 Microfiche | 31-42 Microfiche | 43-54 Microfiche | 55-67 Microfiche | 68-80 Microfiche |
|---|---|---|---|---|---|---|
| $.62 | $.90 | $1.18 | $1.45 | $1.73 | $2.00 | $2.28 |

**INTERNATIONAL:**

- Based on International Postage Rates in effect
- Allow 160 Microfiche or 75 Paper Copy pages per pound
- Specify exact mail classification desired

## DEPOSIT ACCOUNTS

Customers who have a continuing need for ERIC Documents may wish to open a Deposit Account as follows:

- **Domestic Customers**–By depositing a suggested minimum of $200.00 or submitting an executed purchase order.
- **International Customers**–By depositing a minimum of $500.00 in U.S. Dollars drawn on a U.S. Bank.

## STANDING ORDER SUBSCRIPTION ACCOUNTS

Subscription Orders for documents in the monthly issues of Resources in Education (RIE) are available on microfiche from EDRS. The microfiche are furnished on diazo film and without protective envelopes at $0.130 per microfiche. If you prefer silver halide film, the cost is $0.266 per microfiche, and each microfiche is inserted into an acid-free protective envelope. Prices are effective January 1, 1995 and are subject to change without notice. Shipping charges not included. A Standing Order Account may be opened by depositing $2,500.00 or submitting an executed purchase order. All International Orders must be prepaid. The cost of each issue and shipping will be charged against the account. A monthly statement of the account will be furnished.

## BACK COLLECTIONS

Back collections of documents in all issues of RIE since 1966 are available on microfiche at a unit price of $0.153 per microfiche. The collections are furnished on diazo film without envelopes. Prices are good through December 31, 1995, and do not include shipping charges and applicable taxes. For pricing information, write or call toll-free 1-800-443-ERIC.

## GENERAL INFORMATION

1. PAPER COPY (PC)

   A Paper Copy is a xerographic reproduction, on paper, from microfiche of the original document. Each paper copy has a Vellum Bristol cover to identify and protect the document.

2. PAYMENT

   The prices set forth herein do not include any sales, use, excise, or similar taxes that may apply to the sale of microfiche or paper copy to the customer. The cost of such taxes, if any, shall be borne by the customer.

   Payment terms are **NET THIRTY (30) DAYS** by check or money order payable to EDRS in **U.S. Dollars drawn on a U.S. Bank.**

3. REPRODUCTION

   Permission to further reproduce a copyrighted document provided hereunder must be obtained from the copyright holder, usually noted on the front or back of the title page of the copyrighted document.

4. CLAIMS POLICY

   **All sales are final.** EDRS will replace products returned within 6 months of delivery due solely to reproduction defects or incompleteness caused by EDRS.

# Appendix E

## Connections to ERIC via the INTERNET

Like many things on the Internet, the sources offering ERIC access frequently change. If you have trouble accessing the sources listed here, contact AskERIC for an update on current providers.

ERIC Networker
5.0
July 1994

ERIC Clearinghouse on Information & Technology
Syracuse University
askeric@ericir.syr.edu

## INTERNET ACCESS POINTS TO ERIC

The following systems provide unrestricted Internet access to ERIC resources. For general information about ERIC, contact ACCESS ERIC, (800) LET-ERIC or acceric@inet.ed.gov

I. **The University of Saskatchewan Library System** offers the ERIC database from 1983 to the present. Searchable fields include author, title, descriptor, identifier, publication year, ERIC accession number, and journal title.

1. Telnet sklib.usask.ca (or 128.233.1.20)
   At USERNAME prompt, enter SONIA
3. At main menu, select 4, "Educational Databases."
4. Select 1, "CIJE plus RIE: 1983-."
5. Type HELP to see a summary of search and display commands, field prefixes, and Boolean operators.
   (Sample search statement to find documents with the descriptor television: f d=television.)
6. To end the session, type Q (quit).
   TIP: Type BEGINNER to see a system tutorial.

II. **Auburn University Libraries** offers the complete ERIC database, 1966 to the latest quarter. Searchable fields include title, author, subject heading (descriptor), and keyword. (Note: requires TN3270.)

1. TN3270 auducacd.duc.auburn.edu (or 131.204.2.13)
2. At the opening screen, tab to APPLICATION, and enter 01
3. At the main menu, type ERIC
4. Follow screen instructions to search.
5. To end the session, type STOP
   TIP: The keyword search field allows use of Boolean operators, truncation, nesting, and other special search features. Type EXP K for a complete explanation.

III. **Harvard University** offers the ERIC database, 1989 to the present. Searchable fields include author, title, subject, keyword, ERIC accession number. (Note: requires TN3270.)

1. TN3270 hollis,harvard,edu 23
2. At the opening screen, type HOLLIS (press ENTER).
3. Type CHOOSE ER (press ENTER).
4. To exit ERIC, type QUIT
5. Type EXIT HOLLIS to leave HOLLIS.

6. To exit from TN3270 telnet mode hit "c" key while holding down control key; at the TN3270> prompt type CLOSE
   TIP: Type HELP followed by a command. For example: HELP keyword for information on keyword searching; HELP au for information on author searching.

IV. **The State University System of Florida** offers the ERIC database from 1967 to the present. Searchable fields include author, title, subject, and keyword. (Note: requires TN3270.)

1. TN3270 nervm.nerdc.ufl.edu 23
2. At the opening screen press ENTER.
3. Type DIAL VTAM (press ENTER).
4. Type NERLUIS FCLSKY (press ENTER).
5. Select 19.
6. To end the session type STOP (press ENTER) select 30 to get back to MAIN MENU; select 30 to EXIT LUIS and SIGN OFF.
7. To exit from TN3270 telnet mode, hit "c" key while holding down control key; at the TN3270> prompt type CLOSE

V. **The University of North Carolina, Chapel Hill**, through its laUNChpad system, hosts a searchable, full-text file of over 1060 ERIC Digests. (ERIC Digests are short reports on current education topics written by each of the 16 ERIC Clearinghouses.)

1. Telnet bbs.oit.unc.edu (or 152.2.22.80)
2. At the login prompt, type LAUNCH
3. Enter your first and last name as directed. (Remember how you enter your name for future sessions.)
4. Enter a password of your choice (and remember it). Note: If your password is rejected, read the instructions in the introduction to define another one.
5. At the main menu, select 4, "Topical Document Search (WAIS)."
6. Move through the list to ERIC Digests (138 or 139 as of this writing). Hit ENTER to select the file.
7. Type one or more keywords and hit ENTER to start the search. Results will be displayed by title in a ranked order based on occurrences of the keyword.
8. Highlight a title and hit ENTER to see the full text.
9. To end the WAIS session, type Q (quit).
   To exit laUNChpad, type Q again.
   TIP: Type ? to see a list of all commands.

This publication was prepared with funding from the Office of Educational Research and Improvement, U.S. Department of Education, under contract RI93002009. The opinions expressed in this report do not necessarily reflect the positions or policies of OERI or ED.

# Appendix F

## Evaluation Quiz Answer Keys

## EVALUATION QUIZ ANSWER KEYS

### Lesson One

1. documents and journal articles

2. microfiche and paper copy

3. through journal reprint services and interlibrary loan

4. research summaries
   bibliographies
   reference services
   referral services
   computer searches
   document reproduction

5. educational researchers, practitioners, policymakers

6. T
   F
   T
   T
   F
   T
   T
   T

7. ERIC Digests, major publications, and brochures

8. d ERIC Digests
   e Packaged searches
   b *Thesaurus of ERIC Descriptors*
   f *All about ERIC*
   a Informational brochures
   g Information bulletins
   c *The ERIC Review*

### Lesson Two

1. documents in education.

2. journals in education.

3. suitable to that clearinghouse's scope of work.

4. a signed Reproduction Release Form.

**Lesson Three**

1. The Five Steps in Choosing a Descriptor:

   Describe the topic you wish to investigate and list key words to describe it.
   Identify subtopics of the information.
   Translate topics and subtopics into ERIC descriptors.
   Locate descriptors in the alphabetical descriptor display.
   Make a final list of descriptors to use in the database search.

2. Definitions:

| | |
|---|---|
| Scope Note (SN): | brief statements of intended usage of the descriptor |
| Use For (UF): | terms that are synonyms to the descriptor but not used by ERIC |
| Narrower Term (NT): | terms with more specific meanings than the descriptor |
| Broader Term (BT): | terms whose meaning encompasses the descriptor, and more |
| Related Term (RT): | terms that are synonyms for the descriptor |

3. Performance:

   Located abstracts of five relevant documents and journal articles.
   Copied the abstracts.
   Noted the ED or EJ number for each.
   Highlighted the author's name on the abstract.
   Identified the type of document or name of journal noted in the abstract.

**Lesson Four**

1. I would obtain copies of documents in microfiche or in paper copy from ERIC Document Reproduction Service (EDRS) in Alexandria, Virginia, or through the microfiche reproduction and search service offered by libraries or facilities having microfiche collections. I would obtain copies of journal articles through research or university libraries or by requesting them through interlibrary loan or a reproduction service, such as University Microfilms International (UMI) (800) 732-0616.

2. Personal Essay

**Supplemental Materials**

# ERIC SEARCH AIDS

## ACCESS POINTS TO ERIC: UPDATE 1992 - ERIC DIGEST

By Nancy R. Preston. September 1992. ERIC Clearinghouse on Information and Technology, Syracuse University, Syracuse, NY 13244-4100. Telephone: 800/464-9107. Free. Summarizes the points of access to the ERIC system, including: (1) Commercial Online Services; (2) CD-ROM; (3) Locally Mounted Systems and Internet; (4) Printed Indexes; (5) ERIC Digests Online; and (6) ACCESS ERIC.

## ACCESSING ERIC WITH YOUR MICROCOMPUTER: UPDATE - ERIC DIGEST

By Jane Klausmeier Janis. December 1988. ERIC Clearinghouse on Information and Technology, Syracuse University, Syracuse, NY 13244-4100. Telephone: 800/464-9107. Free. Describes software, hardware, and telephone line components necessary to access online vendors. (Also available as ED-306 944 from the ERIC Document Reproduction Service.)

## All ABOUT ERIC

ACCESS ERIC, 1600 Research Blvd., Rockville, MD 20850-3172. Telephone: 800/LET-ERIC. Free booklet. Describes what ERIC is, and why and how to use it. Details the ERIC components.

## CURRENT INDEX TO JOURNALS IN EDUCATION (CIJE)

Monthly; semiannual cumulations. The Oryx Press, 4041 North Central at Indian School Rd., Phoenix, AZ 85012-3397. Telephone: 800/279-ORYX. Monthly subscription: $235.00 (North America), $270.00 (elsewhere). Semiannual cumulations: $235.00 (North America), $270.00 (elsewhere). Monthly subscription with semiannual cumulations: $440.00 (North America), $520.00 (elsewhere). (Oryx Press offers several other ERIC products and tools; call for details.)

## DIRECTORY OF ERIC INFORMATION SERVICE PROVIDERS

January 1992. ACCESS ERIC, 1600 Research Blvd., Rockville, MD 20850-3172. Telephone: 800/LET-ERIC. Free. Lists 1,002 organizations that provide computerized searches of the ERIC database, that have sizable collections of ERIC microfiche, and/or that subscribe to and collect the various ERIC publications. Many of these organizations are open to the general public. (The directory is also available online through GTE Education Services, GTE Place, P.O. Box 619810, D/FW Airport, TX 75261-9810 -- 800/927-3000.)

*Prepared by the...*
ERIC Processing and Reference Facility, 1301 Piccard Drive, Suite 300, Rockville, Maryland 20850-4305
• Telephone: 301-258-5500 • FAX: 301-948-3695 • 800: 800-799-ERIC (3742) • Internet: ericfac@inet.ed.gov

## ERIC IDENTIFIER AUTHORITY LIST

March 1993 (working papercopy edition). ERIC Processing and Reference Facility, 1301 Piccard Drive, Suite 300, Rockville, MD 20850-4305. Telephone: 800/799-ERIC. ALPHABETICAL DISPLAY ($40.00, U.S./$50.00, non-U.S.; includes a free supplement, when available)--alphabetical list of the approximately 47,000 preferred Identifier forms with their postings. CATEGORY DISPLAY ($35.00, U.S./$45.00, non-U.S.)--a companion display that lists the Identifiers alphabetically within 20 broad categories (e.g., conferences, equipment, legislation, persons). Both displays appear in the 1992 hardback edition, available from The Oryx Press, 4041 North Central at Indian School Rd., Phoenix, AZ 85012-3397. Telephone: 800/279-ORYX. $55.00 (North America) and $66.00 (elsewhere).

## ERIC NETWORKER

ERIC Clearinghouse on Information and Technology, Syracuse University, Syracuse, NY 13244-4100. Telephone: 800/464-9107. Free. Series of information sheets for accessing ERIC on the Internet. Includes information on the question-answering "AskERIC" service for K-12 educators.

## ERIC ON CD-ROM: UPDATE 1990 - ERIC DIGEST

By Linda Schamber (updated by Nancy R. Preston). December 1990. ERIC Clearinghouse on Information and Technology, Syracuse University, Syracuse, NY 13244-4100. Telephone: 800/464-9107. Free. Discusses advantages and disadvantages of CD-ROM use in libraries and information centers and lists features and equipment requirements of three CD-ROM versions of the ERIC database -- Dialog OnDisc ERIC, OCLC Search CD450, and SilverPlatter ERIC. (Also available as ED-330 372 from the ERIC Document Reproduction Service.)

## ERIC PROCESSING MANUAL

ERIC Processing and Reference Facility, 1301 Piccard Drive, Suite 300, Rockville, MD 20850-4305. Telephone: 800/799-ERIC. $75.00 (U.S.), $95.00 (elsewhere). Subdivided by sections and appendices, which are available separately at $7.50 each (foreign postage additional). Sections include: (1) Introduction (an overview of the ERIC system); (2) Acquisitions; (3) Selection; (4) Handling and Shipping; (5) Cataloging (includes descriptions of each field); (6) Abstracting/Annotating; (7) Indexing; (8) Vocabulary Development and Maintenance - Part 1, Descriptors and Part 2, Identifiers ($7.50 each part); (9) Data Entry; (10) Database Changes (Post Publication). Also includes: Appendix A, ERIC Clearinghouse Scope of Interest Guide; Appendix B, Document Preparation (for Filming); Appendix C, ERIC Indexing Handbook (Clearinghouse Indexing Practices); Glossary of Terms (and Acronym List). (Also appears as ED-348 055 in the ERIC Microfiche Collection and is available from the ERIC Document Reproduction Service.)

## ERIC READY REFERENCES (NUMBERS 1-19)

ERIC Processing and Reference Facility, 1301 Piccard Drive, Suite 300, Rockville, MD 20850-4305. Telephone: 800/799-ERIC. Free. Ready reference sheets for understanding and using the ERIC database. #1 provides a year-by-year list of ERIC accession numbers for Resources in Education (RIE) and the Current Index to Journals in Education (CIJE). #2 provides a complete display of ERIC Publication Types and their codes. #3 displays sample RIE and CIJE records. #4 gives instructions on using the Thesaurus of ERIC Descriptors. #5 lists ERIC price codes. #6 gives a listing of ERIC Clearinghouses together with street addresses, e-mail addresses, telephone numbers, and brief scope notes describing the areas they cover. #7 is the "ERIC Fact Sheet," which lists some basic statistics pertaining to the ERIC system. #8 highlights ERIC's Target Audience data element, listing the audiences covered and describing how to access them online. #9 describes how to access and search the full-text ERIC Digests Online (EDO) database. #10A is a complete list of all ERIC Digests to date arranged by ERIC Clearinghouse. #10B is the same list arranged alphabetically by title. #11 provides useful statistics and access information for the ERIC Microfiche Collection. #12 is the ERIC Telephone Directory, which lists telephone

numbers of network components and database vendors under the function(s) (product or service) they provide. #13 is a list of the ERIC search aids with price and distribution information. #14 describes how to obtain the documents and journal articles cited in the database. #15 gives three levels of costs (beginning, intermediate, and complete) for building an ERIC collection and providing ERIC services. #16 displays the kinds of documents (ED accessions) in the database since 1980. #17A lists alphabetically by title, the journals currently covered by CIJE. #17B is the same list arranged by ERIC Clearinghouse. #18 shows the field labels/tags in use by online & CD-ROM system vendors of the ERIC database. #19 graphically displays the ERIC system components.

## ERIC REVIEW

Three issues a year. ACCESS ERIC, 1600 Research Blvd., Rockville, MD 20850-3172. Telephone: 800/LET-ERIC. Free. Highlights important new education-related publications, programs, and resources; each issue also contains one or more indepth features.

## ERIC/RIE TITLE INDEX

ERIC Processing and Reference Facility, 1301 Piccard Drive, Suite 300, Rockville, MD 20850-4305. Telephone: 800/799-ERIC. 1966-76 cumulation: out-of-print. 1977-83 cumulation: $30.00 (U.S.)/$50.00 (non-U.S.); limited quantity available. 1984-89 cumulation: $40.00 (U.S.)/$60.00 (non-U.S.). 1990-92 cumulation: $40.00 (U.S.)/$50.00 (non-U.S.). 1993 quarterly supplements: $40.00 (U.S.)/$50.00 (non-U.S.). 1990-92 cumulation with 1993 quarterly supplements: $80.00 (U.S.)/$100.00 (non-U.S.).

## HOW TO PREPARE FOR A COMPUTER SEARCH OF ERIC- A NONTECHNICAL APPROACH

(Revised and Updated) by Marilyn R. Laubacher. May 1983. (ED-237 100 -- Microfiche $1.18, Papercopy $9.90). Available from the ERIC Document Reproduction Service, 7420 Fullerton Rd., Suite 110, Springfield, VA 22153-2852. Telephone: 800/443-ERIC. [The original 1975 edition (ED-110 096) was by Judith Yarborough.]

## INSTITUTIONAL SOURCE DIRECTORY

ERIC Processing and Reference Facility, 1301 Piccard Drive, Suite 300, Rockville, MD 20850-4305. Telephone: 800/799-ERIC. Alphabetical list of organizational and institutional names by which document citations in ERIC have been indexed in the Institution and Sponsoring Agency fields, together with the corresponding alphanumeric source codes that accompany the names. COMPLETE EDITION: March 1987 (latest), $45.00 (U.S.) and $55.00 (non-U.S.); a cumulative archival edition containing all names/codes established from 1966 to March 1987. TRUNCATED EDITION: current, annual, $30.00 (U.S.) and $40.00 (non-U.S.); covers names/codes established or used for indexing during the immediately preceding 5-year period.

## INTERCHANGE NEWSLETTER

Semiannually. ACCESS ERIC, 1600 Research Blvd., Rockville, MD 20850-3172. Telephone: 800/LET-ERIC. Free. The newsletter used by ACCESS ERIC to communicate with ERIC users.

## A POCKET GUIDE TO ERIC

ACCESS ERIC, 1600 Research Blvd., Rockville, MD 20850-3172. Telephone: 800/LET-ERIC. Free. A comprehensive summary of ERIC products and services. (Bulk quantities are available for classroom, seminar, or conference use.)

## RESOURCES IN EDUCATION (RIE)

Monthly, semiannual indexes. Superintendent of Documents, U.S. Government Printing Office (GPO), Washington, DC 20402-9371. Telephone: 202/783-3238. Annual subscription: $73.00 (U.S.)/$91.25 (non-U.S.). Semiannual indexes: $30.00 (U.S.)/$37.50 (non-U.S.).

## RIE ANNUAL CUMULATIONS

The Oryx Press, 4041 North Central at Indian School Rd., Phoenix, AZ 85012-3397. Telephone: 800/279-ORYX. Hardback. Each in three volumes, two of cumulated main entries (abstracts) and one of cumulated indexes. Abstracts: $245.00 (North America); $275.00 (elsewhere). Index: $128.00 (North America); $140.00 (elsewhere). Abstracts and Index: $345.00 (North America); $395.00 (elsewhere).

## SOURCE JOURNAL INDEX

Prepared by Oryx Press. Distributed by all components of the ERIC network. For assistance, contact the ERIC Processing and Reference Facility, 1301 Piccard Drive, Suite 300, Rockville, MD 20850-4305. Telephone: 800/799-ERIC. Free. A list of the journals indexed in CIJE. Each entry also includes publisher name and address, frequency, price, reprint availability, ERIC Clearinghouse covering the journal, and, whenever possible, the ISSN number. Arranged separately by journal title and by responsible ERIC Clearinghouse.

## SUBMITTING DOCUMENTS TO ERIC

ERIC Processing and Reference Facility, 1301 Piccard Drive, Suite 300, Rockville, MD 20850-4305. Telephone: 800/799-ERIC. Free. Brochure describing the ERIC system, the advantages of having documents in the ERIC database, the selection criteria employed by ERIC, and the addresses of the ERIC components to whom documents may be submitted.

## THESAURUS OF ERIC DESCRIPTORS

12th edition, 1990. The Oryx Press, 4041 North Central at Indian School Rd., Phoenix, AZ 85012-3397. Telephone: 800/279-ORYX. $69.50 (North America) and $83.40 (elsewhere). Hardback. A list of 9,991 vocabulary terms, of which 5,575 are main-entry Descriptors and 4,416 are non-indexable Use references and "dead" terms. New terms not appearing in previous editions include 282 Descriptors and 264 Use references. (Oryx Press offers several other ERIC products and tools; call for details.)

---

The "ERIC Search Aids" list is intended to provide descriptions of the most important tools that a frequent user of the ERIC database should consider obtaining. In addition to publication as a Ready Reference, this list is provided to all online and CD-ROM vendors of the ERIC database, and variations of it often appear in vendor documentation. If you have a favorite tool or guide that has proved helpful to you in working with the ERIC database, ERIC would like to learn of it and to consider it for addition to future editions of this list (see address on the bottom of the front page).

# DOCUMENT DELIVERY

## How To Get *DOCUMENTS* Announced By ERIC

Two monthly abstract/index journals announce education-related Journal Articles and Documents collected by ERIC

***Current Index to Journals in Education*** **(CIJE)**
**Announces journal articles**

***Resources in Education*** **(RIE)**
**Announces unpublished or limited distribution documents**

These two publications are available in paper form and all the citations they announce are also contained in the ERIC database, which can be accessed online or through CD-ROM. Once you identify an item you want reproduced, your options depend on whether it is a journal article or a document. Journal articles (CIJE) are identified by an EJ number. Documents (RIE) are identified by an ED number.

### Documents (ED's) — Cited in RIE

There are three principal ways to obtain documents cited in ERIC's database:

- by ordering them from the ERIC Document Reproduction Service (EDRS);
- by finding the microfiche for the document in one of the many ERIC standing order microfiche collections located at major libraries around the country and the world;
- by ordering the document from its original source or other non-ERIC supplier noted in the ERIC citation.

#### EDRS

Most documents announced in RIE can be ordered inexpensively from EDRS in either microfiche ($1.23 per title) or reproduced paper copy ($3.53 per 25 pages), plus postage. If you want to receive all documents on microfiche in regular monthly shipments, you can subscribe for about $2,000 per year. Clearly identified orders are processed within 5 days. Orders can be placed via mail, telephone, FAX, or online vendor system. An EDRS order form can be found at the back of RIE. The EDRS address is: EDRS, 7420 Fullerton Road, Suite 110, Springfield, Virginia 22153-2852 • Telephone: 1-800-443-ERIC

#### Standing Order Microfiche

Over 900 organizations, including most major universities, subscribe to ERIC's complete microfiche collection and are listed in the *Directory of ERIC Information Service Providers* (available from ACCESS ERIC), (800-LET-ERIC). Using the *Directory*, locate the ERIC microfiche collection geographically closest or most convenient to you. At most locations, you will be able to copy selected pages; at some locations you will be able to obtain a duplicate microfiche. This is probably the quickest way to view an ERIC document and has the advantage of permitting you to review a document before buying it.

#### Original (Non-ERIC) Source

Some document preparers sell their product directly and, therefore, may not let ERIC reproduce it. About 5% of ERIC documents are available from their original sources (in addition to or in lieu of being available from EDRS). Full address and price information (when given) specifying such external availability is always in the ERIC citation.

See over for **Journal Articles**



BEST COPY AVAILABLE

# DOCUMENT DELIVERY

## How To Get *JOURNAL ARTICLES* Announced By ERIC

Two monthly abstract/index journals announce education-related Journal Articles and Documents collected by ERIC

***Current Index to Journals in Education*** **(CIJE)**
**Announces journal articles**

***Resources in Education*** **(RIE)**
**Announces unpublished or limited distribution documents**

These two publications are available in paper form and all the citations they announce are also contained in the ERIC database, which can be accessed online or through CD-ROM. Once you identify an item you want reproduced, your options depend on whether it is a journal article or a document. Journal articles (CIJE) are identified by an EJ number. Documents (RIE) are identified by an ED number.

## Journal Articles EJ's) — Cited in CIJE

There are two principal ways to obtain journal articles cited in ERIC's database:

1. Find the specific journal at the closest university or research library. Major public libraries may also have them.

2. Call or write a journal article reprint service. Two such services are:

**University Microfilms International (UMI)**
Article Clearinghouse
300 North Zeeb Road
Ann Arbor, MI 48106
Telephone: (800) 521-0600 x 2786

**Institute for Scientific Information (ISI)**
Genuine Article Service
3501 Market Street
Philadelphia, PA 19104
Telephone: (800) 523-1850, Option 5

*Prepared by the...*

ERIC Processing and Reference Facility
1301 Piccard Drive, Suite 300
Rockville, Maryland 20850-4305

Telephone: 301-258-5500
FAX: 301-948-3695
800: 800-799-ERIC (3742)
Internet: ericfac@inet.ed.gov

See over for **Documents**

# WHAT KINDS OF DOCUMENTS ARE IN THE ERIC DATABASE (RIE)?

(January 1980 - September 1991)

| Rank | PUBTYPE Code | Publication Type | Date Initiated | Accessions Coded by PUBTYPE | Percent of Accessions Carrying PUBTYPE |
|---|---|---|---|---|---|
| 1 | 143 | Research/Technical Reports | 9/74 | 47,819 | 30.4 |
| 2 | 150 | Conference Papers/Speeches (Single Papers) | 9/74 | 45,439 | 28.9 |
| 3 | 141 | Project/Program Descriptions | 9/74 | 28,616 | 18.2 |
| 4 | 120 | Opinion Papers/Essays | 9/74 | 20,287 | 12.9 |
| 5 | 052 | Teaching Guides (For Teacher) | 7/79 | 17,762 | 11.3 |
| 6 | 055 | Guides--Non Classroom (For Support Staff) | 7/79 | 15,497 | 9.9 |
| 7 | 070 | Information Analyses/State-of-the-Art Reports | 9/74 | 12,750 | 8.1 |
| 8 | 142 | Evaluative/Feasibility Reports | 7/79 | 12,179 | 7.7 |
| 9 | 160 | Tests, Measurement Instruments, Questionnaires | 9/74 | 8,139 | 5.2 |
| 10 | 051 | Instructional Materials (For Learner) | 7/79 | 7,089 | 4.5 |
| 11 | 110 | Numerical/Quantitative Data | 9/74 | 6,449 | 4.1 |
| 12 | 131 | Bibliographies | 9/74 | 4,966 | 3.2 |
| 13 | 021 | Conference Proceedings | 9/74 | 4,448 | 2.8 |
| 14 | 090 | Legal/Legislative/Regulatory Materials | 9/74 | 4,126 | 2.6 |
| 15 | 022 | Serials/Periodicals | 7/79 | 3,825 | 2.4 |
| 16 | 010 | Books | 9/74 | 3,410 | 2.2 |
| 17 | 140 | Reports--General | 7/79 | 2,586 | 1.6 |
| 18 | 071 | ERIC Information Analysis Products | 6/90 | 2,536 | 1.6 |
| 19 | 020 | Collected Works | 7/79 | 2,100 | 1.3 |
| 20 | 132 | Directories/Catalogs | 9/74 | 2,046 | 1.3 |
| 21 | 060 | Historical Materials | 9/74 | 1,728 | 1.1 |
| 22 | 050 | Guides--General | 9/74 | 1,621 | 1.0 |
| 23 | 080 | Journal Articles | 9/74 | 1,266 | .8 |
| 24 | 043 | Practicum Papers | 7/79 | 844 | .5 |
| 25 | 042 | Masters Theses | 7/79 | 806 | .5 |
| 26 | 073 | ERIC Digests (Full Text) | 10/88 | 698 | .4 |
| 27 | 130 | Reference Materials--General | 7/79 | 625 | .4 |
| 28 | 041 | Doctoral Dissertations | 7/79 | 466 | .3 |
| 29 | 134 | Vocabularies/Classifications | 9/74 | 452 | .3 |
| 30 | 171 | Multilingual/Bilingual Materials | 4/83 | 239 | .15 |
| 31 | 030 | Creative Works | 7/79 | 193 | .1 |
| 32 | 100 | Audiovisual Materials | 9/74 | 173 | .1 |
| 33 | 170 | Translations | 7/79 | 122 | .07 |
| 34 | 072 | Book/Product Reviews | 10/87 | 114 | .07 |
| 35 | 101 | Computer Programs | 7/84 | 99 | .06 |
| 36 | 102 | Machine-Readable Data Files | 10/87 | 79 | .05 |
| 37 | 133 | Geographic Materials | 9/74 | 24 | .02 |
| | | TOTAL USAGES | | 261,998 | |

NOTE: Number of RIE Accessions in this Period of Time = 157,204

$\frac{261,998}{157,204}$ = 1.7 PUBTYPES per Accession

# Journals Currently Covered by *Current Index to Journals in Education* (CIJE)

**(Including ISSN Number and Responsible ERIC Clearinghouse)**

## ALPHABETICAL ARRANGEMENT

| | Journal Name | ISSN NUMBER | CH | |
|---|---|---|---|---|
| 1 | ACA Bulletin (Association for Communication Administration) | ISSN-0360-0939 | CS | ★ |
| 2 | Academe | ISSN-0190-2946 | HE | |
| 3 | Academic Medicine | ISSN-1040-2446 | HE | |
| 4 | ACEHI Journal (Association of Canadian Educators of the Hearing Impaired) | ISSN-0382-7976 | EC | |
| 5 | Action in Teacher Education | ISSN-0162-6620 | SP | ★ |
| 6 | ADE Bulletin (Association of Departments of English) | ISSN-0001-0898 | CS | ★ |
| 7 | ADFL Bulletin (Association of Departments of Foreign Languages) | ISSN-0148-7639 | FL | ★ |
| 8 | Administrative Science Quarterly | ISSN-0001-8392 | EA | |
| 9 | Adolescence | ISSN-0001-8449 | CG | |
| 10 | Adult Basic Education | ISSN-1052-231X | CE | ★ |
| 11 | Adult Education Quarterly | ISSN-0741-7136 | CE | ★ |
| 12 | Adult Learning | ISSN-1045-1595 | CE | |
| 13 | Adults Learning (England) | ISSN-0955-2308 | CE | |
| 14 | Advances in Physiological Education | ISSN-1043-4046 | SE | |
| 15 | Advancing the Consumer Interest | ISSN-1044-7385 | CE | |
| 16 | Ageing International | ISSN-0163-5158 | CE | |
| 17 | Agricultural Education Magazine | ISSN-0732-4677 | CE | |
| 18 | Akwe:kon Journal | ISSN-0897-2354 | RC | |
| 19 | Al-Arabiyya | ISSN-0889-8731 | FL | |
| 20 | ALAN Review (Assembly on Literature for Adolescents) | ISSN-0882-2840 | CS | ★ |
| 21 | Alberta Journal of Educational Research | ISSN-0002-4805 | RC | ★ |
| 22 | Alternatives | ISSN-0001-6638 | SE | |
| 23 | AMATYC Review (American Mathematical Association of Two-Year Colleges) | ISSN-0740-8404 | SE | |
| 24 | Amerasia Journal | ISSN-0044-7471 | UD | |
| 25 | American Annals of the Deaf | ISSN-0002-726X | EC | |
| 26 | American Behavioral Scientist | ISSN-0002-7642 | SO | |
| 27 | American Biology Teacher | ISSN-0002-7685 | SE | ★ |
| 28 | American Educational Research Journal | ISSN-0002-8312 | TM | ★ |
| 29 | American Educator: The Professional Journal of the American Federation of Teachers | ISSN-0148-432X | UD | ★ |
| 30 | American Historical Review | ISSN-0002-8762 | SO | |
| 31 | American Indian and Alaska Native Mental Health Research | ISSN-0893-5394 | RC | |
| 32 | American Indian Culture and Research Journal | ISSN-0161-6463 | RC | |
| 33 | American Indian Journal | --- | RC | |
| 34 | American Indian Library Newsletter | --- | RC | |
| 35 | American Indian Magazine | --- | RC | |
| 36 | American Indian Quarterly | ISSN-0095-182X | RC | |
| 37 | American Journal of Distance Education | ISSN-0892-3647 | IR | |
| 38 | American Journal of Education | ISSN-0195-6744 | UD | ★ |
| 39 | American Journal of Pharmaceutical Education | ISSN-0002-9459 | HE | |
| 40 | American Journal of Public Health | ISSN-0090-0036 | UD | |
| 41 | American Journal of Sociology | ISSN-0002-9602 | SO | |
| 42 | American Journal on Mental Retardation | ISSN-0895-8017 | EC | ★ |
| 43 | American Libraries | ISSN-0002-9769 | IR | |
| 44 | American Mathematical Monthly | ISSN-0002-9890 | SE | |

ISSN = International Standard Serial Number
CH: Two-character prefix identifying responsible ERIC Clearinghouse (see list in back).
★ = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.
( ): Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

| | | | | |
|---|---|---|---|---|
| 45 | American Psychologist | ISSN-0003-066X | UD | |
| 46 | American Scholar | ISSN-0003-0937 | HE | |
| 47 | American School Board Journal | ISSN-0003-0953 | EA | ★ |
| 48 | American Sociological Review | ISSN-0003-1224 | UD | |
| 49 | American Sociologist | ISSN-0003-1232 | SO | |
| 50 | American Speech | ISSN-0003-1283 | FL | |
| 51 | Annals of Dyslexia | ISSN-0736-9387 | EC | |
| 52 | Annual Review of Applied Linguistics | ISSN-0267-1905 | FL | ★ |
| 53 | Annual Review of Information and Science Technology (ARIST) | ISSN-0066-4200 | IR | ★ |
| 54 | Anthropology and Education Quarterly | ISSN-0161-7761 | UD | ★ |
| 55 | Appalachia | ISSN-0003-6595 | RC | |
| 56 | Appalachian Journal | --- | RC | |
| 57 | Applied Language Learning | ISSN-1041-679X | FL | |
| 58 | Applied Linguistics | ISSN-0142-6001 | FL | |
| 59 | Applied Measurement in Education | ISSN-0895-7347 | TM | ★ |
| 60 | Applied Psycholinguistics | ISSN-0047-4045 | FL | |
| 61 | Applied Psychological Measurement | ISSN-0146-6216 | TM | ★ |
| 62 | Argumentation and Advocacy | ISSN-1051-1431 | CS | ★ |
| 63 | Arithmetic Teacher | ISSN-0004-136X | SE | ★ |
| 64 | Art Education | ISSN-0004-3125 | SO | |
| 65 | Arts and Learning Research | --- | SO | |
| 66 | Asian and Pacific Migration Journal | --- | UD | |
| 67 | Assessment and Evaluation in Higher Education | ISSN-0260-2938 | HE | |
| 68 | Athletic Training | ISSN-0160-8320 | SP | |
| 69 | Australia and New Zealand Journal of Developmental Disabilities | ISSN-0726-3864 | EC | |
| 70 | Australian Art Education | ISSN-1032-1942 | SO | |
| 71 | Australian Journal of Adult and Community Education | ISSN-1035-0462 | CE | |
| 72 | Australian Journal of Education | ISSN-0004-9441 | HE | |
| 73 | Australian Journal of Environmental Education | ISSN-0814-0626 | SE | |
| 74 | Australian Mathematics Teacher | ISSN-0045-0685 | SE | |
| 75 | Australian Review of Applied Linguistics | ISSN-0155-0646 | FL | |
| 76 | Australian Science Teachers Journal | ISSN-0045-0855 | SE | |
| 77 | Australian Universities' Review | ISSN-0818-8068 | HE | |
| 78 | AWARENESS: The Journal of the Colorado Association for Counseling and Development | --- | CG | |
| 79 | AWIS Magazine (Association for Women in Science) | ISSN-0160-256X | SE | |
| 80 | Aztlan: A Journal of Chicano Studies | ISSN-0005-2604 | RC | |
| 81 | B.C. Journal of Special Education (British Columbia) | ISSN-0704-7509 | EC | ★ |
| 82 | Babel: Journal of the Australian Modern Language Teachers' Associations | ISSN-0005-3503 | FL | |
| 83 | Behavioral & Social Sciences Librarian | ISSN-0163-9269 | IR | |
| 84 | Behavioral Disorders | ISSN-0198-7249 | EC | ★ |
| 85 | Bilingual Research Journal: The Journal of the National Association for Bilingual Education | --- | RC | ★ |
| 86 | Bilingual Review | ISSN-0094-5366 | FL | |
| 87 | Biochemical Education | ISSN-0307-4412 | SE | |
| 88 | Bioscience | ISSN-0006-3568 | SE | |
| 89 | Black Issues in Higher Education | ISSN-0742-0277 | HE | |
| 90 | Black Scholar | ISSN-0006-4246 | UD | |
| 91 | Book Report | ISSN-0731-4388 | IR | |
| 92 | British Educational Research Journal | ISSN-0141-1926 | SO | |
| 93 | British Journal of Educational Technology | ISSN-0007-1013 | IR | |
| 94 | British Journal of Language Teaching | ISSN-0144-0888 | FL | ★ |
| 95 | British Journal of Special Education | ISSN-0952-3383 | EC | ★ |
| 96 | Bulletin of the American Society for Information Science | ISSN-0095-4403 | IR | |
| 97 | Bulletin of the Association for Business Communication | ISSN-8756-1972 | CS | ★ |
| 98 | Bulletin of the Council for Research in Music Education | ISSN-0010-9894 | SO | |
| 99 | Bulletin of the International Bureau of Education | ISSN-0303-3899 | IR | |
| 100 | Business Education Forum | ISSN-0007-6678 | CE | |
| 101 | Business Officer | ISSN-0147-877X | HE | |
| 102 | Buzzworm | ISSN-0898-2996 | SE | |

ISSN = International Standard Serial Number
CH: Two-character prefix identifying responsible ERIC Clearinghouse (see list in back).
★ = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.
( ): Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

| | | | | |
|---|---|---|---|---|
| | CALICO Journal (Computer Assisted Language & Instruction Consortium) | ISSN-0742-7778 | FL | |
| 104 | Camping Magazine | ISSN-0740-4131 | RC | ★ |
| 105 | Campus Activities Programming | ISSN-0098-1664 | HE | |
| 106 | Canadian Home Economics Journal | ISSN-0008-3763 | CE | |
| 107 | Canadian Journal of Counselling | ISSN-0828-3893 | CG | |
| 108 | Canadian Journal of Education | ISSN-0380-2361 | TM | |
| 109 | Canadian Journal of Educational Communication | ISSN-0710-4340 | IR | |
| 110 | Canadian Journal of Higher Education | ISSN-0316-1218 | HE | |
| 111 | Canadian Journal of Information and Library Science | ISSN-0008-4352 | IR | |
| 112 | Canadian Journal of Native Education | ISSN-0710-1481 | RC | ★ |
| 113 | Canadian Journal of Special Education | ISSN-0827-3391 | EC | ★ |
| 114 | Canadian Journal of University Continuing Education | ISSN-0318-9090 | CE | |
| 115 | Canadian Journal on Aging | ISSN-0714-9808 | CE | |
| 116 | Canadian Modern Language Review | ISSN-0008-4506 | FL | ★ |
| 117 | Canadian Review of Art Education: Research and Issues | ISSN-0384-1839 | SO | |
| 118 | Canadian Social Studies | ISSN-1191-162X | SO | ★ |
| 119 | Canadian Vocational Journal | ISSN-0045-5520 | CE | |
| 120 | Career Development for Exceptional Individuals | ISSN-0885-7288 | EC | ★ |
| 121 | Career Development Quarterly | ISSN-0889-4019 | CG | ★ |
| 122 | Career Planning and Adult Development Journal | ISSN-0736-1920 | CE | |
| 123 | Catholic Library World | ISSN-0008-820X | IR | |
| 124 | CAUSE/EFFECT | ISSN-0164-534X | HE | |
| 125 | CD-ROM Professional | ISSN-1049-0833 | IR | |
| 126 | CEA Forum (College English Association) | ISSN-0007-8034 | CS | |
| 127 | Change | ISSN-0009-1383 | HE | |
| 128 | Chemecology | ISSN-0738-7776 | SE | |
| 129 | Chemical Engineering Education | ISSN-0009-2479 | SE | |
| 130 | Child Abuse and Neglect: The International Journal | ISSN-0145-2134 | EC | ★ |
| 131 | Child Care Information Exchange | ISSN-0164-8527 | PS | |
| 132 | Child Development | ISSN-0009-3920 | PS | ★ |
| 133 | Child Study Journal | ISSN-0009-4005 | PS | ★ |
| | Child Welfare | ISSN-0009-4021 | PS | ★ |
| 135 | Childhood Education | ISSN-0009-4056 | PS | |
| 136 | Children Today | ISSN-0361-4336 | PS | |
| 137 | Children's Literature in Education | ISSN-0045-6713 | CS | |
| 138 | Chinese Education & Society | ISSN-1061-1932 | SO | |
| 139 | Chinese University Education Journal | --- | SO | |
| 140 | Chronicle of Higher Education | ISSN-0009-5982 | HE | |
| 141 | Clearing | --- | SE | |
| 142 | Cognitive Psychology | ISSN-0010-0285 | TM | |
| 143 | College and Research Libraries | ISSN-0010-0870 | IR | ★ |
| 144 | College and University | ISSN-0010-0889 | HE | |
| 145 | College Board Review | ISSN-0010-0951 | HE | |
| 146 | College Composition and Communication | ISSN-0010-096X | CS | ★ |
| 147 | College English | ISSN-0010-0994 | CS | ★ |
| 148 | College ESL (English as a Second Language) | --- | FL | |
| 149 | College Mathematics Journal | ISSN-0746-8342 | SE | |
| 150 | College Teaching | ISSN-8756-7555 | HE | |
| 151 | Collegiate Microcomputer | ISSN-0731-4213 | IR | |
| 152 | Communication Education | ISSN-0363-4523 | CS | |
| 153 | Communication Monographs | ISSN-0363-7751 | CS | |
| 154 | Communication Quarterly | ISSN-0146-3373 | CS | |
| 155 | Communication Research | ISSN-0093-6502 | CS | |
| 156 | Communication Studies | ISSN-0008-9575 | CS | |
| 157 | Communication: Journalism Education Today (C:JET) | ISSN-0010-3535 | CS | ★ |
| 158 | Community & Junior College Libraries | ISSN-0276-3915 | JC | ★ |
| 159 | Community College Journal | ISSN-0884-7169 | JC | |
| 160 | Community College Journal of Research and Practice | ISSN-1066-8926 | JC | ★ |
| 161 | Community College Review | ISSN-0091-5521 | JC | ★ |
| 162 | Community Development Journal | ISSN-0010-3802 | CE | |
| 163 | Community Education Journal | ISSN-0045-7736 | CE | |
| 164 | Community/Junior College Quarterly | --- | JC | ★ |

ISSN = International Standard Serial Number
CH: Two-character prefix identifying responsible ERIC Clearinghouse (see list in back).
★ = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.
( ): Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

| | | | | |
|---|---|---|---|---|
| 165 | Community Review | ISSN-0163-8475 | JC | ★ |
| 166 | Community Services Catalyst | ISSN-0739-9227 | JC | |
| 167 | Comparative Education | ISSN-0305-0068 | RC | ★ |
| 168 | Comparative Education Review | ISSN-0010-4086 | RC | ★ |
| 169 | Composition Studies/Freshman English News | ISSN-0739-4713 | CS | ★ |
| 170 | Computers and Composition | ISSN-8755-4615 | CS | |
| 171 | Computers and Education | ISSN-0360-1315 | IR | |
| 172 | Computers and the Humanities | ISSN-0010-4817 | SO | |
| 173 | Computers in Human Behavior | ISSN-0747-5632 | IR | |
| 174 | Computers in Libraries | ISSN-1041-7915 | IR | |
| 175 | Computers in the Schools | ISSN-0738-0569 | IR | |
| 176 | Computing Teacher | ISSN-0278-1923 | IR | |
| 177 | Contemporary Education | ISSN-0010-7476 | SP | |
| 178 | Contemporary Educational Psychology | ISSN-0361-476X | TM | |
| 179 | Continuing Higher Education Review | ISSN-0893-0384 | CE | ★ |
| 180 | Controversies in Art and Culture | --- | SO | |
| 181 | Convergence | ISSN-0010-8146 | CE | |
| 182 | Councilor | ISSN-1056-0335 | SO | |
| 183 | Counseling and Values | ISSN-0160-7960 | CG | ★ |
| 184 | Counseling Psychologist | ISSN-0011-0000 | CG | ★ |
| 185 | Counselor Education and Supervision | ISSN-0011-0035 | CG | ★ |
| 186 | Crisis | ISSN-0011-1422 | UD | |
| 187 | Critical Studies in Mass Communication | ISSN-0739-3180 | CS | |
| 188 | CUPA Journal (College & University Personnel Association) | ISSN-1046-9508 | HE | |
| 189 | Currents | ISSN-0748-478X | HE | |
| 190 | Dance: Current Selected Research | ISSN-0894-4849 | SP | |
| 191 | Database | ISSN-0162-4105 | IR | |
| 192 | Delta Pi Epsilon Journal | ISSN-0011-8052 | CE | ★ |
| 193 | Design for Arts in Education | ISSN-0732-0973 | SO | |
| 194 | Developmental Psychology | ISSN-0012-1649 | PS | ★ |
| 195 | Diagnostique | ISSN-0737-2477 | EC | ★ |
| 196 | Dimensions of Early Childhood | ISSN-0160-6425 | PS | |
| 197 | Discourse Processes | ISSN-0163-853X | CS | |
| 198 | Distance Education | ISSN-0158-7919 | IR | |
| 199 | Document Image Automation | ISSN-1054-9692 | IR | |
| 200 | Drama/Theatre Teacher | ISSN-1046-5022 | CS | ★ |
| 201 | Early Childhood Research Quarterly | ISSN-0885-2006 | PS | ★ |
| 202 | Early Education and Development | ISSN-1040-9289 | PS | ★ |
| 203 | Earth | --- | SE | |
| 204 | Echoes: The Northern Maine Journal of Rural Culture | --- | RC | |
| 205 | Economics | ISSN-0300-4287 | SO | |
| 206 | Economics of Education Review | ISSN-0272-7757 | EA | ★ |
| 207 | Education and Computing | ISSN-0167-9287 | IR | |
| 208 | Education and Training in Mental Retardation | ISSN-0013-1237 | EC | ★ |
| 209 | Education and Treatment of Children | ISSN-0748-8491 | EC | ★ |
| 210 | Education and Urban Society | ISSN-0013-1245 | UD | ★ |
| 211 | Education Canada | ISSN-0013-1253 | RC | ★ |
| 212 | Education for Information | ISSN-0167-8329 | IR | |
| 213 | Education in Science | ISSN-0013-1377 | SE | |
| 214 | Education Libraries | ISSN-0148-1061 | IR | |
| 215 | Educational Administration Quarterly | ISSN-0013-161X | EA | ★ |
| 216 | Educational and Psychological Measurement | ISSN-0013-1644 | TM | ★ |
| 217 | Educational and Training Technology International | ISSN-0954-7304 | IR | |
| 218 | Educational Evaluation and Policy Analysis | ISSN-0162-3737 | TM | ★ |
| 219 | Educational Facility Planner | --- | EA | |
| 220 | Educational Forum | ISSN-0013-1725 | CE | ★ |
| 221 | Educational Foundations | ISSN-1047-8248 | SP | |
| 222 | Educational Gerontology | ISSN-0360-1277 | CE | |
| 223 | Educational Horizons | ISSN-0013-175X | CE | ★ |
| 224 | Educational Leadership | ISSN-0013-1784 | EA | ★ |

ISSN = International Standard Serial Number
CH: Two-character prefix identifying responsible ERIC Clearinghouse (see list in back).
★ = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.
( ): Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

| | | | | |
|---|---|---|---|---|
| 225 | Educational Management & Administration | ISSN-9263-211X | EA | ★ |
| 226 | Educational Measurement: Issues and Practice | ISSN-0731-1745 | TM | ★ |
| 227 | Educational Media and Technology Yearbook (EMTY) | ISSN-8755-2094 | IR | ★ |
| 228 | Educational Media International | ISSN-0952-3987 | IR | ★ |
| 229 | Educational Policy | ISSN-0895-9048 | EA | ★ |
| 230 | Educational Psychology: An International Journal of Experimental Educational Psychology | ISSN-0144-3410 | SO | |
| 231 | Educational Record | ISSN-0013-1873 | HE | |
| 232 | Educational Research | ISSN-0013-1881 | CE | ★ |
| 233 | Educational Research Quarterly | ISSN-0196-5042 | TM | ★ |
| 234 | Educational Researcher | ISSN-0013-189X | UD | ★ |
| 235 | Educational Review | ISSN-0013-1911 | CE | ★ |
| 236 | Educational Studies | ISSN-0305-5698 | SO | |
| 237 | Educational Studies in Mathematics | ISSN-0013-1954 | SE | ★ |
| 238 | Educational Technology | ISSN-0013-1962 | IR | ★ |
| 239 | Educational Technology, Research and Development | ISSN-1042-1629 | IR | ★ |
| 240 | Educational Theory | ISSN-0013-2004 | SP | |
| 241 | EDUCOM Review | ISSN-1045-9146 | IR | |
| 242 | Electronic Learning | ISSN-0278-3258 | IR | |
| 243 | Electronic Library | ISSN-0264-0473 | IR | |
| 244 | Elementary School Guidance and Counseling | ISSN-0013-5976 | CG | ★ |
| 245 | Elementary School Journal | ISSN-0013-5984 | PS | ★ |
| 246 | ELT Journal (English Language Teaching) | ISSN-0307-8337 | FL | ★ |
| 247 | Emergency Librarian | ISSN-0315-8888 | IR | ★ |
| 248 | Employee Relations | ISSN-0142-5455 | CE | |
| 249 | English Education | ISSN-0007-8204 | CS | ★ |
| 250 | English for Specific Purposes | ISSN-0889-4906 | FL | ★ |
| 251 | English Journal | ISSN-0013-8274 | CS | |
| 252 | English Language Teaching Journal | ISSN-0307-8337 | FL | ★ |
| 253 | English Quarterly | ISSN-0013-8355 | CS | ★ |
| 254 | English Teachers' Journal: Israel | ISSN-0333-553X | FL | |
| 255 | English Today | ISSN-0266-7084 | FL | |
| 256 | Environmentalist | ISSN-0251-1088 | SE | |
| 257 | Equity and Choice | ISSN-0882-3863 | UD | ★ |
| 258 | Equity and Excellence in Education | ISSN-0894-0681 | UD | ★ |
| 259 | ERS Spectrum (Educational Research Service) | ISSN-0740-7874 | EA | ★ |
| 260 | European Education | ISSN-1056-4934 | SO | |
| 261 | European Journal of Education | ISSN-0141-8211 | HE | |
| 262 | European Journal of Engineering Education | ISSN-0304-3797 | SE | |
| 263 | European Journal of Psychology of Education | ISSN-0256-2928 | SO | |
| 264 | European Journal of Teacher Education | ISSN-0261-9768 | SP | |
| 265 | Evaluation and Program Planning | ISSN-0149-7189 | TM | |
| 266 | Evaluation and the Health Professions | ISSN-0163-2787 | TM | |
| 267 | Evaluation Practice | ISSN-0886-1633 | TM | |
| 268 | Evaluation Review | ISSN-0193-841X | TM | |
| 269 | Exceptional Children | ISSN-0014-4029 | EC | ★ |
| 270 | Exceptional Parent | ISSN-0046-9157 | EC | |
| 271 | Exceptionality: A Research Journal | ISSN-0936-2835 | EC | ★ |
| 272 | Executive Educator | ISSN-0161-9500 | EA | ★ |
| 273 | Family Psychologist | --- | CG | |
| 274 | Family Relations | ISSN-0197-6664 | CG | |
| 275 | Feminist Teacher | ISSN-0882-4843 | SO | |
| 276 | Focus | ISSN-0015-5004 | SE | |
| 277 | Focus on Exceptional Children | ISSN-0015-511X | EC | |
| 278 | Focus on Learning Problems in Mathematics | ISSN-0272-8893 | SE | ★ |
| 279 | For the Learning of Mathematics | --- | SE | |
| 280 | Foreign Language Annals | ISSN-0015-718X | FL | ★ |
| 281 | Forum for Reading | ISSN-0738-9523 | CS | ★ |
| 282 | Francais dans le Monde | ISSN-0015-9395 | FL | |
| 283 | French Review | ISSN-0016-111X | FL | |
| 284 | Future of Children | ISSN-1054-8289 | UD | |

ISSN = International Standard Serial Number
CH: Two-character prefix identifying responsible ERIC Clearinghouse (see list in back).
★ = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.
( ): Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

| | | | | |
|---|---|---|---|---|
| 285 | Garbage | ISSN-1044-3061 | SE | |
| 286 | Generations | ISSN-0738-7806 | CE | |
| 287 | Geographical Education | ISSN-0085-0969 | SO | |
| 288 | Georgetown Journal of Languages and Linguistics | ISSN-1048-4205 | FL | |
| 289 | Georgia Social Science Journal | --- | SO | |
| 290 | Gerontologist | ISSN-0016-9013 | CG | |
| 291 | Gifted Child Quarterly | ISSN-0016-9862 | EC | ★ |
| 292 | Gifted Child Today | ISSN-0892-9580 | EC | |
| 293 | Gifted Education International | ISSN-0261-4294 | EC | |
| 294 | Government Information Quarterly | ISSN-0740-624X | IR | |
| 295 | Government Publications Review | ISSN-0277-9390 | IR | |
| 296 | Grassroots Development | --- | RC | |
| 297 | Great Plan Quarterly | --- | RC | |
| 298 | Green Library Journal | --- | SE | |
| 299 | Guidelines: A Periodical for Classroom Language Teachers | --- | FL | |
| 300 | Hands On | --- | RC | ★ |
| 301 | Harvard Business Review | ISSN-0017-8012 | CE | |
| 302 | Harvard Educational Review | ISSN-0017-8055 | CE | ★ |
| 303 | Health Education Quarterly | ISSN-0195-8402 | CE | |
| 304 | Health Educator | ISSN-8756-5943 | SP | |
| 305 | Health Values: The Journal of Health Behavior, Education & Promotion | ISSN-0147-0353 | SP | |
| 306 | Heritage Education Quarterly | ISSN-0897-6775 | SO | |
| 307 | Higher Education | ISSN-0018-1560 | HE | |
| 308 | Higher Education Management | ISSN-1013-851X | HE | |
| 309 | Higher Education Research and Development | ISSN-0729-4360 | HE | |
| 310 | Higher Education Review | ISSN-0018-1609 | HE | |
| 311 | Hispania | ISSN-0018-2133 | FL | |
| 312 | Hispanic Journal of Behavioral Sciences | ISSN-0739-9863 | RC | |
| 313 | Hispanic Magazine | --- | RC | |
| 314 | History Microcomputer Review | ISSN-0887-1078 | SO | |
| 315 | History of Education | ISSN-0046-760X | SO | |
| 316 | History of Education Quarterly | ISSN-0018-2680 | SO | |
| 317 | History Teacher | ISSN-0018-2745 | SO | ★ |
| 318 | Home Economics Research Journal | ISSN-0046-7774 | CE | |
| 319 | Human Communication Research | ISSN-0360-3989 | CS | |
| 320 | Human Resource Development Quarterly | ISSN-1044-8044 | CE | ★ |
| 321 | Human Services in the Rural Environment | ISSN-0193-9009 | RC | |
| 322 | Humanities | ISSN-0018-7526 | SO | |
| 323 | IALL Journal of Language Learning Technologies (International Association of Learning Laboratories) | ISSN-1050-0049 | FL | |
| 324 | IDEAL | --- | FL | |
| 325 | Illinois Libraries | ISSN-0019-2104 | IR | |
| 326 | Illinois Schools Journal | ISSN-0019-2236 | UD | |
| 327 | Impact of Science on Society | ISSN-0019-2872 | SE | ★ |
| 328 | Industrial and Labor Relations Review | ISSN-0019-7939 | CE | |
| 329 | Information Development | ISSN-0266-6669 | IR | |
| 330 | Information Processing and Management | ISSN-0306-4573 | IR | ★ |
| 331 | Information Services and Use | ISSN-0167-5265 | IR | |
| 332 | Information Technology and Libraries | ISSN-0730-9295 | IR | ★ |
| 333 | Innovative Higher Education | ISSN-0742-5627 | HE | |
| 334 | Instructional Science | ISSN-0020-4277 | IR | |
| 335 | Instructor | ISSN-1049-5851 | SP | |
| 336 | Intelligence | ISSN-0160-2896 | TM | |
| 337 | Interactive Learning International | ISSN-0748-5743 | IR | ★ |
| 338 | Interchange | ISSN-0826-4805 | SP | |
| 339 | International Environmental Affairs | ISSN-1041-4665 | SE | |
| 340 | International Information and Library Review | ISSN-1057-2317 | IR | |
| 341 | International Journal of Aging and Human Development | ISSN-0091-4150 | CG | |
| 342 | International Journal of Applied Linguistics | ISSN-0802-6106 | FL | |
| 343 | International Journal of Behavioral Development | ISSN-0165-0254 | PS | ★ |
| 344 | International Journal of Disability, Development and Education | ISSN-0156-6555 | EC | ★ |

ISSN = International Standard Serial Number

CH: Two-character prefix identifying responsible ERIC Clearinghouse (see list in back).

★ = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.

( ): Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

| | | | | |
|---|---|---|---|---|
| | International Journal of Early Childhood | ISSN-0020-7187 | PS | ★ |
| 346 | International Journal of Educational Reform | ISSN-1056-7879 | EA | ★ |
| 347 | International Journal of Educational Research | ISSN-0883-0355 | TM | ★ |
| 348 | International Journal of Environmental Education and Information | ISSN-0144-9281 | SE | |
| 349 | International Journal of Instructional Media | ISSN-0892-1815 | IR | ★ |
| 350 | International Journal of Lifelong Education | ISSN-0260-1370 | CE | ★ |
| 351 | International Journal of Rehabilitation Research | ISSN-0342-5282 | EC | |
| 352 | International Journal of Science Education | ISSN-0950-0693 | SE | ★ |
| 353 | International Journal of Social Education | ISSN-0889-0293 | SO | |
| 354 | International Labour Review | ISSN-0020-7780 | CE | |
| 355 | International Migration Review | ISSN-0197-9183 | UD | |
| 356 | International Review of Education | ISSN-0149-6964 | JC | ★ |
| 357 | International Studies Notes | ISSN-0094-7768 | SO | |
| 358 | International Understanding at School | ISSN-0047-1240 | SO | |
| 359 | International Yearbook of Educational and Training Technology | ISSN-0370-9732 | IR | ★ |
| 360 | Internet Research | ISSN-1066-2243 | IR | ★ |
| 361 | Intervention in School and Clinic | ISSN-0001-396X | EC | |
| 362 | IRAL (International Review of Applied Linguistics in Language Teaching) | ISSN-0019-042X | FL | ★ |
| 363 | Issues in Applied Linguistics | ISSN-1050-4273 | FL | |
| 364 | Issues in Science and Technology | ISSN-0748-5492 | SE | |
| 365 | Italica | ISSN-0021-3020 | FL | |
| 366 | Journal for Higher Education Management | ... | HE | |
| 367 | Journal for Research in Mathematics Education | ISSN-0021-8251 | SE | ★ |
| 368 | Journal for Specialists in Group Work | ISSN-0193-3922 | CG | ★ |
| 369 | Journal for the Education of the Gifted | ISSN-0162-3532 | EC | |
| 370 | Journal for Vocational Special Needs Education | ISSN-0195-7597 | CE | ★ |
| 371 | Journal of Academic Librarianship | ISSN-0099-1333 | IR | ★ |
| 372 | Journal of Addictions and Offender Counseling | ISSN-1055-3835 | CG | ★ |
| 373 | Journal of Adolescence | ISSN-0140-1971 | CG | |
| | Journal of Adult Education | ... | CE | |
| | Journal of Advanced Composition | ISSN-0731-6755 | CS | |
| 376 | Journal of Adventure Education and Outdoor Leadership | ... | RC | ★ |
| 377 | Journal of Aesthetic Education | ISSN-0021-8510 | SO | |
| 378 | Journal of Agricultural Education | ISSN-1042-0541 | CE | ★ |
| 379 | Journal of Alcohol and Drug Education | ISSN-0090-1482 | CG | ★ |
| 380 | Journal of Allied Health | ISSN-0090-7421 | CE | |
| 381 | Journal of American College Health | ISSN-0744-8481 | SP | |
| 382 | Journal of American History | ISSN-0021-8723 | SO | |
| 383 | Journal of American Indian Education | ISSN-0021-8731 | RC | ★ |
| 384 | Journal of Applied Behavior Analysis | ISSN-0021-8855 | EC | |
| 385 | Journal of Applied Communication Research | ISSN-0090-9882 | CS | |
| 386 | Journal of Applied Linguistics | ... | FL | |
| 387 | Journal of Art and Design Education | ISSN-0260-9991 | SO | |
| 388 | Journal of Asian Pacific Communication | ISSN-0957-6851 | FL | |
| 389 | Journal of Autism and Developmental Disorders | ISSN-0162-3257 | EC | |
| 390 | Journal of Basic Writing | ISSN-0147-1635 | CS | ★ |
| 391 | Journal of Biocommunication | ISSN-0094-2499 | SE | |
| 392 | Journal of Biological Education | ISSN-0021-9266 | SE | |
| 393 | Journal of Black Studies | ISSN-0021-9347 | UD | |
| 394 | Journal of Broadcasting and Electronic Media | ISSN-0883-8151 | IR | |
| 395 | Journal of Business and Technical Communication | ISSN-1050-6519 | CS | |
| 396 | Journal of Business Communication | ISSN-0021-9436 | CS | |
| 397 | Journal of Career Development | ISSN-0894-8453 | CE | ★ |
| 398 | Journal of Career Planning and Employment | ISSN-0884-5352 | CG | |
| 399 | Journal of Chemical Education | ISSN-0021-9584 | SE | |
| 400 | Journal of Child Language | ISSN-0305-0009 | FL | |
| 401 | Journal of Childhood Communication Disorders | ISSN-0735-3170 | EC | ★ |
| 402 | Journal of Chinese Linguistics | ISSN-0091-3723 | FL | |
| 403 | Journal of Classroom Interaction | ISSN-0749-4025 | SP | |
| 404 | Journal of Clinical Reading Research and Programs | ... | CS | ★ |
| | Journal of College Admission | ISSN-0734-6670 | CG | |

ISSN = International Standard Serial Number
CH: Two-character prefix identifying responsible ERIC Clearinghouse (see list in back)
★ = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.
( ) Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known

| | | | | |
|---|---|---|---|---|
| 406 | Journal of College and University Law | ISSN-0093-8688 | HE | |
| 407 | Journal of College Science Teaching | ISSN-0047-231X | SE | ★ |
| 408 | Journal of College Student Development | ISSN-0897-5264 | CG | ★ |
| 409 | Journal of Communication | ISSN-0021-9916 | CS | |
| 410 | Journal of Communication Disorders | ISSN-0021-9924 | EC | |
| 411 | Journal of Computer Assisted Learning | ISSN-0266-4909 | IR | |
| 412 | Journal of Computer-Based Instruction | ISSN-0098-597X | IR | |
| 413 | Journal of Computer Science Education | ISSN-1040-7553 | SE | |
| 414 | Journal of Computers in Mathematics and Science Teaching | ISSN-0731-9258 | SE | ★ |
| 415 | Journal of Computing in Childhood Education | ISSN-1043-1055 | PS | ★ |
| 416 | Journal of Computing in Higher Education | ISSN-1042-1726 | HE | |
| 417 | Journal of Computing in Teacher Education | ISSN-1040-2454 | SP | |
| 418 | Journal of Consulting and Clinical Psychology | ISSN-0022-006X | CG | |
| 419 | Journal of Consumer Affairs | ISSN-0022-0078 | CE | |
| 420 | Journal of Continuing Education in the Health Professions | ISSN-0894-1912 | CE | ★ |
| 421 | Journal of Continuing Higher Education | ISSN-0737-7363 | CE | ★ |
| 422 | Journal of Cooperative Education | ISSN-0022-0132 | CE | ★ |
| 423 | Journal of Correctional Education | ISSN-0022-0159 | CE | ★ |
| 424 | Journal of Counseling and Development | ISSN-0748-9633 | CG | ★ |
| 425 | Journal of Counseling Psychology | ISSN-0022-0167 | CG | ★ |
| 426 | Journal of Creative Behavior | ISSN-0022-0175 | EC | |
| 427 | Journal of Cross-Cultural Psychology | ISSN-0022-0221 | UD | |
| 428 | Journal of Curriculum and Supervision | ISSN-0882-1232 | EA | ★ |
| 429 | Journal of Curriculum Studies | ISSN-0022-0272 | SO | |
| 430 | Journal of Dental Education | ISSN-0022-0337 | HE | |
| 431 | Journal of Developmental Education | ISSN-0894-3907 | JC | |
| 432 | Journal of Documentation | ISSN-0022-0418 | IR | |
| 433 | Journal of Drug Education | ISSN-0047-2379 | CG | ★ |
| 434 | Journal of Early Intervention | ISSN-1053-8151 | EC | ★ |
| 435 | Journal of East Asian Linguistics | --- | FL | |
| 436 | Journal of Economic Education | ISSN-0022-0485 | SO | ★ |
| 437 | Journal of Education | ISSN-0022-0574 | UD | ★ |
| 438 | Journal of Education Finance | ISSN-0098-9495 | EA | ★ |
| 439 | Journal of Education for Business | ISSN-0883-2323 | CE | |
| 440 | Journal of Education for Library and Information Science | ISSN-0748-5786 | IR | |
| 441 | Journal of Education for Teaching | ISSN-0260-7476 | SP | |
| 442 | Journal of Education Policy | ISSN-0268-0939 | EA | ★ |
| 443 | Journal of Educational Administration | ISSN-0957-8234 | EA | ★ |
| 444 | Journal of Educational Computing Research | ISSN-0735-6331 | IR | |
| 445 | Journal of Educational Issues of Language Minority Students | --- | FL | |
| 446 | Journal of Educational Measurement | ISSN-0022-0655 | TM | ★ |
| 447 | Journal of Educational Multimedia and Hypermedia | ISSN-1055-8896 | IR | |
| 448 | Journal of Educational Psychology | ISSN-0022-0663 | TM | ★ |
| 449 | Journal of Educational Research | ISSN-0022-0671 | SP | ★ |
| 450 | Journal of Educational Statistics | ISSN-0362-9791 | TM | ★ |
| 451 | Journal of Educational Technology Systems | ISSN-0047-2395 | IR | |
| 452 | Journal of Educational Television | ISSN-0260-7417 | IR | |
| 453 | Journal of Educational Thought/Revue de la Pensee Educative | ISSN-0022-0701 | JC | ★ |
| 454 | Journal of Elementary Science Education | --- | SE | ★ |
| 455 | Journal of Employment Counseling | ISSN-0022-0787 | CG | ★ |
| 456 | Journal of Environmental Education | ISSN-0095-8964 | SE | ★ |
| 457 | Journal of Environmental Health | ISSN-0022-0892 | SE | |
| 458 | Journal of Epsilon Pi Tau | --- | CE | ★ |
| 459 | Journal of European Industrial Training | ISSN-0309-0590 | CE | |
| 460 | Journal of Experiential Education | ISSN-1053-8259 | RC | ★ |
| 461 | Journal of Experimental Child Psychology | ISSN-0022-0965 | PS | ★ |
| 462 | Journal of Experimental Education | ISSN-0022-0973 | TM | |
| 463 | Journal of Extension | ISSN-0022-0140 | CE | |
| 464 | Journal of Family Issues | ISSN-0192-513X | CG | |
| 465 | Journal of Film and Video | ISSN-0724-4671 | CS | |
| 466 | Journal of General Education | ISSN-0021-3667 | JC | |
| 467 | Journal of Geography | ISSN-0022-1341 | SO | ★ |

ISSN = International Standard Serial Number

CH: Two-character prefix identifying responsible ERIC Clearinghouse (see list in back).

★ = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.

( ): Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

| | | | | |
|---|---|---|---|---|
| | Journal of Geography in Higher Education | ISSN-0309-8265 | SO | |
| 469 | Journal of Geological Education | ISSN-0022-1368 | SE | |
| 470 | Journal of Health Care for the Poor and Underserved | ISSN-1049-2089 | UD | |
| 471 | Journal of Health Education | ISSN-1055-6699 | SP | |
| 472 | Journal of High School Science Research | ISSN-1057-6932 | SE | |
| 473 | Journal of Higher Education | ISSN-0022-1546 | HE | ★ |
| 474 | Journal of Home Economics | ISSN-0022-1570 | CE | |
| 475 | Journal of Human Resources | ISSN-0022-166X | CE | |
| 476 | Journal of Humanistic Education and Development | ISSN-0735-6846 | CG | ★ |
| 477 | Journal of Industrial Teacher Education | ISSN-0022-1864 | CE | ★ |
| 478 | Journal of Instruction Delivery Systems | ISSN-0892-4872 | IR | |
| 479 | Journal of Intensive English Studies | ISSN-0899-885X | FL | |
| 480 | Journal of Intergroup Relations | ISSN-0047-2492 | UD | |
| 481 | Journal of Law and Education | ISSN-0275-6072 | EA | ★ |
| 482 | Journal of Learning Disabilities | ISSN-0022-2194 | EC | ★ |
| 483 | Journal of Legal Education | ISSN-0022-2208 | HE | |
| 484 | Journal of Leisure Research | ISSN-0022-2216 | SP | |
| 485 | Journal of Library Administration | ISSN-0193-0826 | IR | |
| 486 | Journal of Linguistics | ISSN-0022-2267 | FL | |
| 487 | Journal of Marital and Family Therapy | ISSN-0194-472X | CG | ★ |
| 488 | Journal of Marketing for Higher Education | ISSN-0884-1241 | HE | |
| 489 | Journal of Marriage and the Family | ISSN-0022-2445 | CG | |
| 490 | Journal of Mathematical Behavior | ISSN-0732-3123 | SE | ★ |
| 491 | Journal of Mental Health Counseling | ISSN-0193-1830 | CG | ★ |
| 492 | Journal of Moral Education | ISSN-0305-7240 | SO | ★ |
| 493 | Journal of Multi-cultural and Cross-cultural Research in Art Education | ISSN-0740-1833 | SO | |
| 494 | Journal of Multicultural Counseling and Development | ISSN-0883-8534 | CG | ★ |
| 495 | Journal of Multicultural Social Work | --- | RC | |
| 496 | Journal of Multilingual and Multicultural Development | ISSN-0143-4632 | FL | ★ |
| 497 | Journal of Natural Resources and Life Sciences Education | ISSN-0094-2391 | SE | |
| | Journal of Negro Education | ISSN-0022-2984 | UD | ★ |
| | Journal of Offender Rehabilitation | ISSN-1050-9674 | CG | ★ |
| 500 | Journal of Optometric Education | ISSN-0098-6917 | HE | |
| 501 | Journal of Outdoor Education | ISSN-0022-3336 | RC | ★ |
| 502 | Journal of Personnel Evaluation in Education | ISSN-0920-525X | TM | ★ |
| 503 | Journal of Physical Education, Recreation and Dance | ISSN-0730-3084 | SP | |
| 504 | Journal of Planning Education and Research | --- | EA | |
| 505 | Journal of Postsecondary Education and Disability | --- | HE | |
| 506 | Journal of Professional Nursing | ISSN-8755-7223 | CE | |
| 507 | Journal of Reading | ISSN-0022-4103 | CS | ★ |
| 508 | Journal of Reading Behavior | ISSN-0022-4111 | CS | ★ |
| 509 | Journal of Research and Development in Education | ISSN-0022-426X | SP | ★ |
| 510 | Journal of Research in Childhood Education | ISSN-0256-8543 | PS | ★ |
| 511 | Journal of Research in Education | --- | UD | |
| 512 | Journal of Research in Music Education | ISSN-0022-4292 | SO | |
| 513 | Journal of Research in Reading | ISSN-0141-0423 | CS | ★ |
| 514 | Journal of Research in Rural Education | ISSN-8756-0534 | RC | ★ |
| 515 | Journal of Research in Science Teaching | ISSN-0022-4308 | SE | ★ |
| 516 | Journal of Research on Computing in Education | ISSN-0888-6504 | IR | |
| 517 | Journal of Rural Community Psychology | ISSN-0276-2285 | RC | |
| 518 | Journal of Rural Studies | ISSN-0743-0167 | RC | |
| 519 | Journal of School Health | ISSN-0022-4391 | SP | |
| 520 | Journal of School Leadership | ISSN-1052-6846 | EA | ★ |
| 521 | Journal of School Psychology | ISSN-0022-4405 | CG | ★ |
| 522 | Journal of Science Education and Technology | ISSN-1059-0145 | SE | ★ |
| 523 | Journal of Science Math Education in Southeast Asia | ISSN-0126-7663 | SE | |
| 524 | Journal of Science Teacher Education | ISSN-1046-560X | SE | ★ |
| 525 | Journal of Second Language Writing | ISSN-1060-3743 | FL | |
| 526 | Journal of Social Issues | ISSN-0022-4537 | UD | |
| 527 | Journal of Social Psychology | ISSN-0022-4545 | SO | |
| 528 | Journal of Social Studies Research | --- | SO | |
| | Journal of Social Theory in Art Education | --- | SO | |

ISSN = International Standard Serial Number
CH: Two-character prefix identifying responsible ERIC Clearinghouse (see list in back).
★ = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.
( ): Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

| | | | | |
|---|---|---|---|---|
| 530 | Journal of Social Work Education | ISSN-1043-7797 | HE | |
| 531 | Journal of Special Education | ISSN-0022-4669 | EC | ★ |
| 532 | Journal of Special Education Technology | --- | EC | ★ |
| 533 | Journal of Speech and Hearing Research | ISSN-0022-4685 | EC | |
| 534 | Journal of Staff Development | ISSN-0276-928X | SP | |
| 535 | Journal of Student Financial Aid | --- | HE | |
| 536 | Journal of Studies in Technical Careers | ISSN-0163-3252 | CE | ★ |
| 537 | Journal of Teacher Education | ISSN-0022-4871 | SP | ★ |
| 538 | Journal of Teaching in Physical Education | ISSN-0273-5024 | SP | |
| 539 | Journal of Teaching Writing | ISSN-0735-1259 | CS | ★ |
| 540 | Journal of Technical Writing and Communication | ISSN-0047-2816 | CS | |
| 541 | Journal of Tertiary Educational Administration | ISSN-1036-9708 | HE | |
| 542 | Journal of the American Society for Information Science | ISSN-0002-8231 | IR | ★ |
| 543 | Journal of the Association for Persons with Severe Handicaps (JASH) | ISSN-0274-9483 | EC | |
| 544 | Journal of the Chinese Language Teachers Association | ISSN-0009-4595 | FL | |
| 545 | Journal of the Community Development Society | ISSN-0010-3829 | CE | |
| 546 | Journal of the Freshman Year Experience | ISSN-1053-203X | HE | |
| 547 | Journal of the Middle States Council for the Social Studies | ISSN-0739-8069 | SO | |
| 548 | Journal of Urban and Cultural Studies | ISSN-1054-1802 | UD | |
| 549 | Journal of Visual Impairment and Blindness | ISSN-0145-482X | EC | |
| 550 | Journal of Visual Literacy | ISSN-1051-144X | IR | |
| 551 | Journal of Vocational and Technical Education | ISSN-0010-3829 | CE | |
| 552 | Journal of Vocational Behavior | ISSN-0001-8791 | CE | ★ |
| 553 | Journal of Vocational Education Research | ISSN-0739-3369 | CE | ★ |
| 554 | Journal of World History | ISSN-1045-6007 | SO | |
| 555 | Journal of Youth and Adolescence | ISSN-0047-2891 | TM | |
| 556 | Journal of Youth Services in Libraries | ISSN-0894-2498 | IR | |
| 557 | Journalism Educator | ISSN-0022-5517 | CS | ★ |
| 558 | Journalism Quarterly | ISSN-0196-3031 | CS | |
| 559 | Kenya Journal of Education | --- | SO | |
| 560 | Knowledge: Creation, Diffusion, Utilization | ISSN-0164-0259 | IR | ★ |
| 561 | Labour Education | ISSN-0378-5467 | CE | |
| 562 | Language | ISSN-0097-8507 | FL | |
| 563 | Language Acquisition: A Journal of Developmental Linguistics | ISSN-1048-9223 | FL | |
| 564 | Language and Cognitive Processes | ISSN-0169-0965 | FL | |
| 565 | Language and Communication | ISSN-0271-5309 | FL | |
| 566 | Language and Education | ISSN-0950-0782 | FL | |
| 567 | Language Arts | ISSN-0360-9170 | CS | ★ |
| 568 | Language Awareness | --- | FL | |
| 569 | Language, Culture, and Curriculum | ISSN-0790-8318 | FL | |
| 570 | Language in Society | ISSN-0047-4045 | FL | |
| 571 | Language Learning | ISSN-0023-8333 | FL | ★ |
| 572 | Language Problems and Language Planning | ISSN-0272-2690 | FL | |
| 573 | Language Quarterly | --- | FL | |
| 574 | Language Sciences | ISSN-0388-0001 | FL | |
| 575 | Language, Speech, and Hearing Services in Schools | ISSN-0161-1461 | EC | |
| 576 | Language Testing | ISSN-0265-5322 | FL | |
| 577 | Language Variation and Change | ISSN-0954-3945 | FL | |
| 578 | Learning | ISSN-0090-3167 | SP | |
| 579 | Learning (Canada) | ISSN-0381-1387 | CE | |
| 580 | Learning Disabilities Research and Practice | ISSN-0938-8982 | EC | ★ |
| 581 | Learning Disability Quarterly | ISSN-0731-9487 | EC | ★ |
| 582 | Liberal Education | ISSN-0024-1822 | HE | |
| 583 | Library Administration & Management | ISSN-0888-4463 | IR | ★ |
| 584 | Library and Information Science Research | ISSN-0740-8188 | IR | ★ |
| 585 | Library Hi Tech | ISSN-0737-8831 | IR | |
| 586 | Library Journal | ISSN-0363-0277 | IR | |
| 587 | Library Quarterly | ISSN-0024-2519 | IR | |
| 588 | Library Resources and Technical Services | ISSN-0024-2527 | IR | |

| | | | | |
|---|---|---|---|---|
| | Library Software Review | ISSN-0742-5759 | IR | |
| 590 | Library Trends | ISSN-0024-2594 | IR | ★ |
| 591 | Linguistics and Education | ISSN-0898-5898 | FL | |
| 592 | Louisiana Social Studies Journal | --- | SO | |
| 593 | Machine-Mediated Learning | ISSN-0732-6718 | IR | |
| 594 | Management Communication Quarterly | ISSN-0893-3189 | CS | |
| 595 | Management Education and Development | ISSN-0047-5688 | CE | |
| 596 | Mathematics Education Research Journal | ISSN-1033-2170 | SE | |
| 597 | Mathematics in School | ISSN-0305-7259 | SE | |
| 598 | Mathematics Teacher | ISSN-0025-5769 | SE | ★ |
| 599 | Measurement and Evaluation in Counseling and Development | ISSN-0748-1756 | CG | ★ |
| 600 | Media and Methods | ISSN-0025-6897 | IR | |
| 601 | Medical Teacher | ISSN-0142-159X | SE | |
| 602 | Mental Retardation | ISSN-0047-6765 | EC | |
| 603 | Mercury | ISSN-0047-6773 | SE | |
| 604 | Merrill-Palmer Quarterly | ISSN-0272-930X | PS | ★ |
| 605 | Michigan Social Studies Journal | --- | SO | |
| 606 | Microcomputers for Information Management | ISSN-0742-2343 | IR | |
| 607 | Microform Review | ISSN-0002-6530 | IR | |
| 608 | Middle School Journal | ISSN-0094-0771 | EA | ★ |
| 609 | Midwestern Educational Researcher | ISSN-1056-3997 | RC | ★ |
| 610 | Migration World Magazine | ISSN-1058-5095 | UD | |
| 611 | Modern Language Journal | ISSN-0026-7902 | FL | ★ |
| 612 | Momentum | ISSN-0026-914X | JC | |
| 613 | Monographs of the Society for Research in Child Development | ISSN-0037-976X | PS | ★ |
| 614 | Monthly Labor Review | ISSN-0098-1818 | CE | |
| 615 | Moral Education Forum | ISSN-0163-6480 | SO | |
| 616 | Multivariate Behavioral Research | ISSN-0027-3171 | TM | |
| 617 | Music Educators Journal | ISSN-0027-4321 | SO | |
| | NACADA Journal (National Academic Advising Association) | ISSN-0271-9517 | HE | |
| 619 | NASPA Journal (National Association of Student Personnel Administrators) | ISSN-0027-6021 | CG | ★ |
| 620 | NASSP Bulletin (National Association of Secondary School Principals) | ISSN-0192-6365 | EA | ★ |
| 621 | National Forum: Phi Kappa Phi Journal | ISSN-0162-1831 | HE | |
| 622 | National Parks | ISSN-0276-8186 | SE | |
| 623 | National Strength and Conditioning Association Journal | ISSN-0744-0049 | SP | |
| 624 | Native Peoples Magazine | --- | RC | |
| 625 | Nature Study | ISSN-0028-0860 | SE | |
| 626 | Negro Educational Review | --- | UD | |
| 627 | Negro History Bulletin | ISSN-0028-2529 | UD | |
| 628 | New Advocate | ISSN-0895-1381 | CS | ★ |
| 629 | New Directions for Adult and Continuing Education | ISSN-0195-2242 | CE | ★ |
| 630 | New Directions for Child Development | ISSN-0195-2269 | PS | ★ |
| 631 | New Directions for Community Colleges | ISSN-0194-3081 | JC | ★ |
| 632 | New Directions for Higher Education | ISSN-0271-0560 | HE | ★ |
| 633 | New Directions for Institutional Research | ISSN-0271-0579 | HE | |
| 634 | New Directions for Program Evaluation | ISSN-0164-7989 | TM | |
| 635 | New Directions for Teaching and Learning | ISSN-0271-0633 | HE | |
| 636 | New England Journal of History | --- | SO | |
| 637 | New Ground | ISSN-1016-9075 | SE | |
| 638 | New Perspectives | ISSN-0274-855X | UD | |
| 639 | New Zealand Journal of Geography | ISSN-0028-8292 | SO | |
| 640 | North Central Association Quarterly | ISSN-1043-3511 | JC | |
| 641 | Now and Then Magazine | --- | RC | |
| 642 | Nursing and Health Care | ISSN-0276-5284 | CE | |
| 643 | Nursing Outlook | ISSN-0029-6554 | CE | |
| 644 | Obesity & Health | ISSN-1044-1522 | SP | |
| 645 | Occupational Outlook Quarterly | ISSN-0199-4786 | CE | |
| 646 | Occupational Therapy Journal of Research | ISSN-0276-1599 | CE | |
| 647 | OCSS Review | ISSN-1050-2130 | SO | |

ISSN = International Standard Serial Number
CH = Two-character prefix identifying responsible ERIC Clearinghouse (see list in back).
★ = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.
( ) = Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

| | | | | |
|---|---|---|---|---|
| 648 | Ohio Journal of School Mathematics | --- | SE | |
| 649 | Ohio Reading Teacher | ISSN-0030-1035 | CS | ★ |
| 650 | Omega: Journal of Death and Dying | ISSN-0030-2228 | CG | |
| 651 | Online | ISSN-0146-5422 | IR | |
| 652 | Online Review | ISSN-0309-314X | IR | |
| 653 | Open Learning | ISSN-0268-0513 | IR | |
| 654 | Open Letter | ISSN-1035-4727 | FL | |
| 655 | Organization of American Historians Magazine of History | ISSN-0882-228X | SO | ★ |
| 656 | Our Planet | ISSN-1013-739X | SE | |
| 657 | Outdoor Network Newsletter | --- | RC | |
| 658 | Oxford Review of Education | ISSN-0305-4985 | SO | |
| 659 | Paedagogica Historica | ISSN-0030-9230 | SO | |
| 660 | Parks and Recreation | ISSN-0031-2215 | SP | |
| 661 | Pathways to Outdoor Communication | ISSN-0010-650X | RC | |
| 662 | Pathways: The Ontario Journal of Outdoor Education | --- | RC | ★ |
| 663 | Peabody Journal of Education | ISSN-0161-956X | SP | ★ |
| 664 | Performance and Instruction | ISSN-0884-1985 | IR | |
| 665 | Performance Improvement Quarterly | ISSN-0898-5952 | IR | |
| 666 | Perspectives in Education and Deafness | ISSN-1051-6204 | EC | |
| 667 | Perspectives on Political Science | ISSN-1045-7097 | SO | |
| 668 | Phi Delta Kappan | ISSN-0031-7217 | EA | ★ |
| 669 | Phonology | ISSN-0952-6757 | FL | |
| 670 | Phylon | ISSN-0031-8906 | UD | |
| 671 | Physical Educator | ISSN-0031-8981 | SP | |
| 672 | Physician and Sportsmedicine | ISSN-0091-3847 | SP | |
| 673 | Physics Education | ISSN-0031-9120 | SE | |
| 674 | Physics Education (India) | ISSN-0970-5953 | SE | |
| 675 | Physics Teacher | ISSN-0031-921X | SE | ★ |
| 676 | Planning and Changing | ISSN-0032-0684 | EA | |
| 677 | Planning for Higher Education | ISSN-0736-0983 | HE | |
| 678 | Policy Review | ISSN-0146-5945 | UD | |
| 679 | Polylingua | ISSN-1405-6716 | FL | |
| 680 | Population Education in Asia and the Pacific Newsletter and Forum | --- | SE | |
| 681 | Population Research and Policy Review | ISSN-0167-5923 | SE | |
| 682 | Pre-Text: A Journal of Rhetorical Theory | ISSN-0731-0714 | CS | |
| 683 | Preventing School Failure | ISSN-1045-988X | EC | ★ |
| 684 | Primus | ISSN-1051-1970 | SE | |
| 685 | Principal | ISSN-0271-6062 | EA | ★ |
| 686 | Proceedings of the ASIS Annual Meeting (American Society for Information Science) | ISSN-0044-7870 | IR | ★ |
| 687 | Proceedings of the ASIS Mid-Year Meeting (American Society for Information Science) | --- | IR | ★ |
| 688 | Prospects | ISSN-0033-1538 | SO | |
| 689 | PS: Political Science and Politics | ISSN-1049-0965 | SO | |
| 690 | Psychological Assessment | ISSN-1040-3590 | TM | |
| 691 | Psychological Review | ISSN-0033-259X | TM | |
| 692 | Psychological Test Bulletin | ISSN-1031-7511 | TM | |
| 693 | Psychology in the Schools | ISSN-0033-3085 | CG | ★ |
| 694 | Psychology of Women Quarterly | ISSN-0361-6843 | UD | |
| 695 | Psychometrika | ISSN-0033-3123 | TM | |
| 696 | PTA Today (National Parent-Teacher Association) | ISSN-0195-2781 | SP | |
| 697 | Public Administration Review | ISSN-0033-3352 | CE | |
| 698 | Public Interest | ISSN-0033-3557 | UD | |
| 699 | Public Libraries | ISSN-0163-5506 | IR | |
| 700 | Public Personnel Management | ISSN-0091-0260 | CE | |
| 701 | Public Relations Review | ISSN-0363-8111 | CS | |
| 702 | Quantum | ISSN-1048-8820 | SE | |
| 703 | Quarterly Journal of Speech | ISSN-0033-5630 | CS | |
| 704 | Quarterly of the National Writing Project and the Center for the Study of Writing and Literacy | ISSN-0896-3592 | CS | |
| 705 | Quest | ISSN-0033-6297 | SP | |
| 706 | Quill and Scroll | ISSN-0033-6505 | CS | |

ISSN = International Standard Serial Number

CH: Two-character prefix identifying responsible ERIC Clearinghouse (see list in back).

★ = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.

( ): Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

| | | | | |
|---|---|---|---|---|
| | Rassegna Italiana di Linguistica Applicata | ... | FL | |
| 708 | RE:view | ISSN-0899-1510 | EC | |
| 709 | Reading | ISSN-0034-0472 | CS | * |
| 710 | Reading and Writing Quarterly: Overcoming Learning Difficulties | ISSN-0748-7630 | CS | |
| 711 | Reading Horizons | ISSN-0034-0502 | CS | * |
| 712 | Reading Improvement | ISSN-0034-0510 | CS | * |
| 713 | Reading in a Foreign Language | ISSN-0264-2425 | FL | |
| 714 | Reading Psychology | ISSN-0270-2711 | CS | |
| 715 | Reading Research and Instruction | ISSN-0886-0246 | CS | |
| 716 | Reading Research Quarterly | ISSN-0034-0553 | CS | * |
| 717 | Reading Teacher | ISSN-0034-0561 | CS | * |
| 718 | Rehabilitation Counseling Bulletin | ISSN-0034-3552 | CG | * |
| 719 | RELC Journal: A Journal of Language Teaching and Research in Southeast Asia | ISSN-0033-6882 | FL | |
| 720 | Religion & Public Education | ... | SO | |
| 721 | Religious Education | ISSN-0034-4087 | SO | |
| 722 | Remedial and Special Education | ISSN-0741-9325 | EC | * |
| 723 | Research & Teaching in Developmental Education | ISSN-1046-3364 | JC | |
| 724 | Research in Developmental Disabilities | ISSN-0891-4222 | EC | |
| 725 | Research in Distance Education | ISSN-0843-8854 | CE | |
| 726 | Research in Higher Education | ISSN-0361-0365 | HE | * |
| 727 | Research in Science and Technological Education | ISSN-0263-5143 | SE | * |
| 728 | Research in the Teaching of English | ISSN-0034-527X | CS | * |
| 729 | Research on Language and Social Interaction | ... | FL | |
| 730 | Research Management Review | ... | HE | |
| 731 | Research Papers in Education | ISSN-0267-1522 | SP | |
| 732 | Research Quarterly for Exercise and Sport | ISSN-0270-1367 | SP | |
| 733 | Research Recycling | ... | SE | |
| 734 | Research Strategies | ISSN-0734-3310 | IR | |
| 735 | Review of Educational Research | ISSN-0034-6543 | TM | * |
| 736 | Review of Higher Education | ISSN-0162-5748 | HE | * |
| | Rhetoric Review | ISSN-0735-0198 | CS | |
| | Roeper Review | ISSN-0278-3193 | EC | |
| 739 | RQ (Reference Quarterly) | ISSN-0033-7072 | IR | |
| 740 | RSR Reference Services Review | ISSN-0090-7824 | IR | |
| 741 | Rural Conditions and Trends | ... | RC | |
| 742 | Rural Development Perspectives | ISSN-0271-0171 | RC | |
| 743 | Rural Education in Australia | ... | RC | * |
| 744 | Rural Educator | ISSN-0273-446X | RC | * |
| 745 | Rural Electrification Magazine | ... | RC | |
| 746 | Rural Sociologist | ISSN-0279-5957 | RC | |
| 747 | Rural Sociology | ISSN-0036-0112 | RC | |
| 748 | Rural Special Education Quarterly | ISSN-8756-8705 | RC | * |
| 749 | Russian Education and Society | ISSN-1060-9393 | SO | |
| 750 | Russian Language Journal | ... | RC | |
| 751 | Sage: A Scholarly Journ... on Black Women | ISSN-0741-8639 | UD | |
| 752 | Scandinavian Journal of Educational Research | ISSN-0031-3831 | TM | |
| 753 | SCHOLE: Journal of Leisure Studies and Recreation Education | ... | SP | |
| 754 | School Administrator | ISSN-0036-6439 | EA | * |
| 755 | School Arts | ISSN-0036-6463 | SO | |
| 756 | School Business Affairs | ISSN-0036-651X | EA | * |
| 757 | School Community Journal | ISSN-1059-308X | EA | |
| 758 | School Counselor | ISSN-0036-6536 | CG | * |
| 759 | School Effectiveness and School Improvement | ... | EA | * |
| 760 | School Law Bulletin | ISSN-0886-2508 | EA | |
| 761 | School Library Journal | ISSN-0362-8930 | IR | |
| 762 | School Library Media Activities Monthly | ISSN-0889-9371 | IR | |
| 763 | School Library Media Annual (SLMA) | ISSN-0739-7712 | IR | * |
| 764 | School Library Media Quarterly | ISSN-0278-4823 | IR | * |
| 765 | School of Education Review (San Francisco State University) | ... | SP | |
| 766 | School Organisation | ISSN-0260-1362 | EA | * |
| | School Psychology Review | ISSN-0279-6015 | TM | |

ISSN = International Standard Serial Number
CH = Two-character prefix identifying responsible ERIC Clearinghouse (see list in back)
* = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.
( ) = Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

| | | | | |
|---|---|---|---|---|
| 768 | School Science and Mathematics | ISSN-0036-6803 | SE | * |
| 769 | School Science Review | ISSN-0036-6811 | SE | |
| 770 | Schools in the Middle | ISSN-0276-4482 | EA | * |
| 771 | Science | ISSN-0036-8075 | SE | |
| 772 | Science Activities | ISSN-0036-8121 | SE | * |
| 773 | Science and Children | ISSN-0036-8148 | SE | * |
| 774 | Science Education | ISSN-0036-8326 | SE | * |
| 775 | Science News | ISSN-0036-8423 | SE | |
| 776 | Science Probe | ISSN-1049-7730 | SE | |
| 777 | Science Scope | ISSN-0887-2376 | SE | * |
| 778 | Science Teacher | ISSN-0036-8555 | SE | * |
| 779 | Science, Technology and Human Values | ISSN-0162-2439 | SE | |
| 780 | Scientific American | ISSN-0036-8733 | SE | |
| 781 | Scientific Journal of Orienteering | --- | RC | |
| 782 | Scottish Educational Review | ISSN-0141-9072 | RC | * |
| 783 | Second Language Research | ISSN-0267-6583 | FL | |
| 784 | Secretary | ISSN-0037-0622 | CE | |
| 785 | Sex Roles: A Journal of Research | ISSN-0360-0025 | UD | |
| 786 | Sierra | ISSN-0161-7362 | SE | |
| 787 | Sign Language Studies | ISSN-0302-1475 | FL | |
| 788 | Signs: Journal of Women in Culture and Society | ISSN-0097-9740 | UD | |
| 789 | Simulation & Gaming | ISSN-1046-8781 | IR | |
| 790 | Simulation/Games for Learning | ISSN-0142-9361 | IR | |
| 791 | Slavic and East European Journal | --- | FL | |
| 792 | Small Town | --- | RC | |
| 793 | Smithsonian | ISSN-0037-7333 | SE | |
| 794 | Social Education | ISSN-0037-7724 | SO | * |
| 795 | Social Forces | ISSN-0037-7732 | RC | |
| 796 | Social Policy | ISSN-0037-7783 | UD | |
| 797 | Social Science Quarterly | ISSN-0038-4941 | SO | |
| 798 | Social Science Record | ISSN-0037-7872 | SO | |
| 799 | Social Studies | ISSN-0037-7996 | SO | * |
| 800 | Social Studies and the Young Learner | --- | SO | * |
| 801 | Social Studies Journal | ISSN-0886-9286 | SO | |
| 802 | Social Studies Professional | --- | SO | |
| 803 | Social Studies Review | ISSN-1056-6325 | SO | |
| 804 | Social Studies Texan | ISSN-1056-4675 | SO | |
| 805 | Society | ISSN-0147-2011 | UD | |
| 806 | Society of Research Administrators Journal (SRA Journal) | ISSN-1062-8142 | HE | |
| 807 | Sociology of Education | ISSN-0038-0407 | SO | * |
| 808 | Sociology of Sport Journal | ISSN-0741-1235 | SP | |
| 809 | Southern Communication Journal | ISSN-0361-8269 | CS | |
| 810 | Southern Rural Sociology | --- | RC | |
| 811 | Southern Social Studies Journal | ISSN-1047-7942 | SO | |
| 812 | Special Libraries | ISSN-0038-6723 | IR | |
| 813 | Strategies | ISSN-0892-4562 | SP | |
| 814 | Student Press Review | ISSN-0036-6730 | CS | |
| 815 | Studies in Art Education | ISSN-0039-3541 | SO | |
| 816 | Studies in Continuing Education | ISSN-0158-037X | CE | * |
| 817 | Studies in Educational Evaluation | ISSN-0191-491X | TM | * |
| 818 | Studies in Higher Education | ISSN-0307-5079 | HE | |
| 819 | Studies in Second Language Acquisition | ISSN-0272-2631 | FL | |
| 820 | Studies in the Education of Adults | ISSN-0266-0830 | CE | * |
| 821 | Studies of American Indian Literature | --- | RC | |
| 822 | Suicide and Life-Threatening Behavior | ISSN-0363-0234 | CG | |
| 823 | System | ISSN-0346-251X | FL | |
| 824 | Teacher Education and Practice | --- | SP | |
| 825 | Teacher Education and Special Education | --- | EC | * |
| 826 | Teacher Education Quarterly | ISSN-0737-5328 | SP | |
| 827 | Teacher Educator | ISSN-0039-5897 | SP | |
| 828 | Teacher Magazine | ISSN-1046-6193 | SP | |

ISSN = International Standard Serial Number
CH: Two-character prefix identifying responsible ERIC Clearinghouse (see list in back).
* = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.
( ): Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

| | | | | |
|---|---|---|---|---|
| [illegible] | Teachers and Writers | ISSN-0739-0084 | CS | ★ |
| 830 | Teachers College Record | ISSN-0161-4681 | SP | ★ |
| 831 | Teaching and Teacher Education | ISSN-0742-051X | SP | |
| 832 | Teaching Education | ISSN-1047-6210 | SP | |
| 833 | Teaching English in the Two-Year College | ISSN-0098-6291 | CS | ★ |
| 834 | Teaching English to Deaf and Second-Language Students | --- | FL | |
| 835 | Teaching Exceptional Children | ISSN-0040-0599 | EC | ★ |
| 836 | Teaching History: A Journal of Methods | ISSN-0730-1383 | SO | ★ |
| 837 | Teaching of Psychology | ISSN-0098-6283 | SO | |
| 838 | Teaching Sociology | ISSN-0092-055X | SO | |
| 839 | Teaching Theatre | --- | CS | ★ |
| 840 | Teaching Tolerance | --- | UD | |
| 841 | Technical Communication Quarterly | ISSN-0888-4323 | CS | |
| 842 | Technology Teacher | ISSN-0746-3537 | CE | |
| 843 | TechTrends | ISSN-8756-3894 | IR | ★ |
| 844 | TESL Canada Journal (Teaching English as a Second Language) | ISSN-0826-435X | FL | |
| 845 | TESL Talk (Teaching English as a Second Language) | ISSN-0700-1584 | FL | ★ |
| 846 | TESOL Journal (Teachers of English to Speakers of Other Languages) | ISSN-1056-7941 | FL | |
| 847 | TESOL Quarterly (Teachers of English to Speakers of Other Languages) | ISSN-0039-8322 | FL | ★ |
| 848 | Theory and Research in Social Education | ISSN-0093-3104 | SO | ★ |
| 849 | Theory into Practice | ISSN-0040-5841 | SP | |
| 850 | Therapeutic Recreation Journal | ISSN-0040-5914 | SP | |
| 851 | Thought and Action | ISSN-0748-8475 | HE | |
| 852 | Thresholds in Education | ISSN-0196-9541 | EA | ★ |
| 853 | Topics in Early Childhood Special Education | ISSN-0271-1214 | EC | ★ |
| 854 | Topics in Language Disorders | ISSN-0271-8294 | EC | ★ |
| 855 | Training | ISSN-0095-5892 | CE | |
| 856 | Training and Development | ISSN-1055-9760 | CE | |
| 857 | Tribal College | --- | JC | |
| 858 | Trusteeship | --- | HE | |
| [illegible] | Unterrichtspraxis | ISSN-0042-062X | FL | |
| 860 | Update on Law-Related Education | ISSN-0147-8648 | SO | |
| 861 | Urban Affairs Quarterly | ISSN-0042-0816 | UD | |
| 862 | Urban Anthropology | ISSN-0894-6019 | UD | |
| 863 | Urban Education | ISSN-0042-0859 | UD | ★ |
| 864 | Urban League Review | ISSN-0147-1740 | UD | |
| 865 | Urban Review | ISSN-0042-0972 | UD | ★ |
| 866 | Use of English | ISSN-0042-1243 | CS | ★ |
| 867 | Visible Language | ISSN-0022-2224 | CS | |
| 868 | Visual Arts Research | ISSN-0736-0770 | SO | |
| 869 | Vocational Aspect of Education | ISSN-0305-7879 | CE | |
| 870 | Vocational Education Journal | ISSN-0884-8009 | CE | ★ |
| 871 | Volta Review | ISSN-0042-8639 | EC | |
| 872 | West's Education Law Quarterly | --- | EA | ★ |
| 873 | Western Journal of Black Studies | ISSN-0197-4327 | UD | |
| 874 | Western Journal of Communication | ISSN-0193-6700 | CS | |
| 875 | Westminster Studies in Education | ISSN-0140-6728 | SO | |
| 876 | WICAZO SA Review | ISSN-0749-6427 | RC | |
| 877 | Wilson Library Bulletin | ISSN-0043-5651 | IR | |
| 878 | Winds of Change | --- | RC | |
| 879 | Work and Occupations: An International Sociological Journal | ISSN-0730-8884 | CE | |
| 880 | Workbook, The | --- | RC | |
| 881 | World Englishes | ISSN-0883-2919 | FL | |
| 882 | World Watch | ISSN-0896-0615 | SE | |
| 883 | WPA: Writing Program Administration | ISSN-0196-4682 | CS | ★ |
| 884 | Writing Center Journal | ISSN-0889-6143 | CS | ★ |
| 885 | Writing Instructor | ISSN-0277-7789 | CS | ★ |
| 886 | Writing Notebook: Visions for Learning | ISSN-0749-2537 | CS | |
| [illegible] | Written Communication | ISSN-0741-0883 | CS | ★ |

ISSN = International Standard Serial Number
CH: Two-character prefix identifying responsible ERIC Clearinghouse (see list in back).
★ = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.
( ): Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

| | | | | |
|---|---|---|---|---|
| 888 | Young Children | ISSN-0044-0728 | PS | |
| 889 | Youth and Society | ISSN-0044-118X | UD | ★ |
| 890 | Youth Theatre Journal | ISSN-0892-9092 | CS | |
| 891 | Zeitschrift fur Internationale Erziehungs und Sozialwissenschaftiche Forschung | ISSN-0930-9381 | SO | |
| 892 | Zeitschrift fur Padagogik | ISSN-0044-3247 | SO | |

## ERIC CLEARINGHOUSES (WITH PREFIXES)

| | |
|---|---|
| ERIC Clearinghouse on Adult, Career, and Vocational Education | CE |
| ERIC Clearinghouse on Assessment and Evaluation | TM |
| ERIC Clearinghouse for Community Colleges | JC |
| ERIC Clearinghouse on Counseling and Student Services | CG |
| ERIC Clearinghouse on Disabilities and Gifted Education | EC |
| ERIC Clearinghouse on Educational Management | EA |
| ERIC Clearinghouse on Elementary and Early Childhood Education | PS |
| ERIC Clearinghouse on Higher Education | HE |
| ERIC Clearinghouse on Information and Technology | IR |
| ERIC Clearinghouse on Languages and Linguistics | FL |
| ERIC Clearinghouse on Reading, English, and Communication | CS |
| ERIC Clearinghouse on Rural Education and Small Schools | RC |
| ERIC Clearinghouse for Science, Mathematics, and Environmental Education | SE |
| ERIC Clearinghouse for Social Studies/Social Science Education | SO |
| ERIC Clearinghouse on Teaching and Teacher Education | SP |
| ERIC Clearinghouse on Urban Education | UD |



ISSN = International Standard Serial Number
CH: Two-character prefix identifying responsible ERIC Clearinghouse (see list in back).
★ = Comprehensive Coverage (all articles). Unstarred journals are covered selectively.
( ): Information in parentheses explains acronym appearing in journal title, or provides acronym by which journal is conveniently known.

ERIC Clearinghouse on Information and Technology
Syracuse University
4-194 Center for Science & Technology
Syracuse, New York 13244-4100
(315) 443-3640; (800) 464-9107

**Fact Sheet**

## PRODUCT SUMMARY: ERIC ON CD-ROM

The ERIC database is produced and sold on CD-ROM by three commercial vendors. Following is a summary of prices and hardware requirements for each product. Features, hardware requirements, and prices change frequently. When considering a subscription to a CD-ROM database, call or write each vendor for the latest information.

**Product:** DIALOG OnDisc ERIC

**Producer:** DIALOG Information Services, Inc.
3460 Hillview Ave.
Palo Alto, CA 94304
800-334-2564; 415-858-3785

**Hardware:** **For IBM:** IBM PC, XT, AT, or PS/2 (or 100% compatible) running PC DOS or MS DOS Version 3.1 or higher; 640K RAM with hard disk and 1 MB free space; CD-ROM drive (call for acceptable models).

**For Macintosh:** Macintosh computer running Macintosh System 6.0.2 or higher; minimum 1 MB RAM and 1 MB free space on the hard disk; CD-ROM drive (call for acceptable models).

**Price:**

- Current file — $650 1st year/ $645 renewal
  (1983 to present, 1 disk, quarterly updates)
- Complete file — $1195 1st year/ $645 renewal
  (1966 to present, 2 disks, quarterly updates to current disk)

**Product:** ERIC on SilverPlatter

**Producer:** SilverPlatter Information, Inc.
100 River Ridge Drive
Norwood, MA 02062-5026
800-343-0064; 617-769-2599

**Hardware:** **For IBM:** IBM PC, XT, AT, PS/2 (or 100% compatible) running PC DOS or MS DOS Version 3.2 or higher; 640K RAM with hard disk recommended; CD-ROM drive (call for acceptable models).

**For Macintosh:** Macintosh computer running Macintosh System 6.0.2 or higher; hard disk and 2 MB RAM recommended; CD-ROM drive (call for acceptable models).

**For Windows:** WinSpirs 486, 8 MB memory, 120 MB hard disk; MS DOS or PC DOS 5.0 or higher, 120 MB or larger hard disk drive; Microsoft Extensions 2.1 or higher, CD ROM drive.

**Price:**

- Current file with quarterly updates — $695
  (1983 to present, 1 disk)
- ERIC four years rolling subscription — $440
  (with quarterly updates)
- Complete file — $895/ year
  (1966 to present, 3 disks, quarterly updates to current disk)

**Product:** **ERIC on CD-ROM**

**Producer:** NISC National Information Services Corporation
Suite 6, Wyman Towers
3100 St. Paul Street
Baltimore, MD 21218
410-243-0797; Fax: 410-243-0982

**Hardware:** Any DOS-capable PC (IBM-compatible)--single station or network; any CD-ROM drive; monochrome or color monitor; 512K RAM available.

**Price:**

- Complete file (ERIC 1966-Present) free with a subscription to any other NISC DISC priced $500 or higher.
- ERIC Updates — shipped with NISC DISC update (quarterly or semi-annually)

## QUESTIONS TO ASK

### Administration

Is the product appropriate for your clientele?
Are the time spans covered and the frequency of updates sufficient?
Are there print/online counterparts? At what cost?
Does the anticipated volume of use justify the cost of a CD-ROM subscription?
Is the product compatible with equipment you own or intend to acquire?
Should you consider a networked system for multiple users?

### Vendor

Does the vendor produce any other CD-ROM databases to which you might like to subscribe?
Are the product licensing terms acceptable to you?
Is documentation sufficient?
Is telephone support available?

### Searching

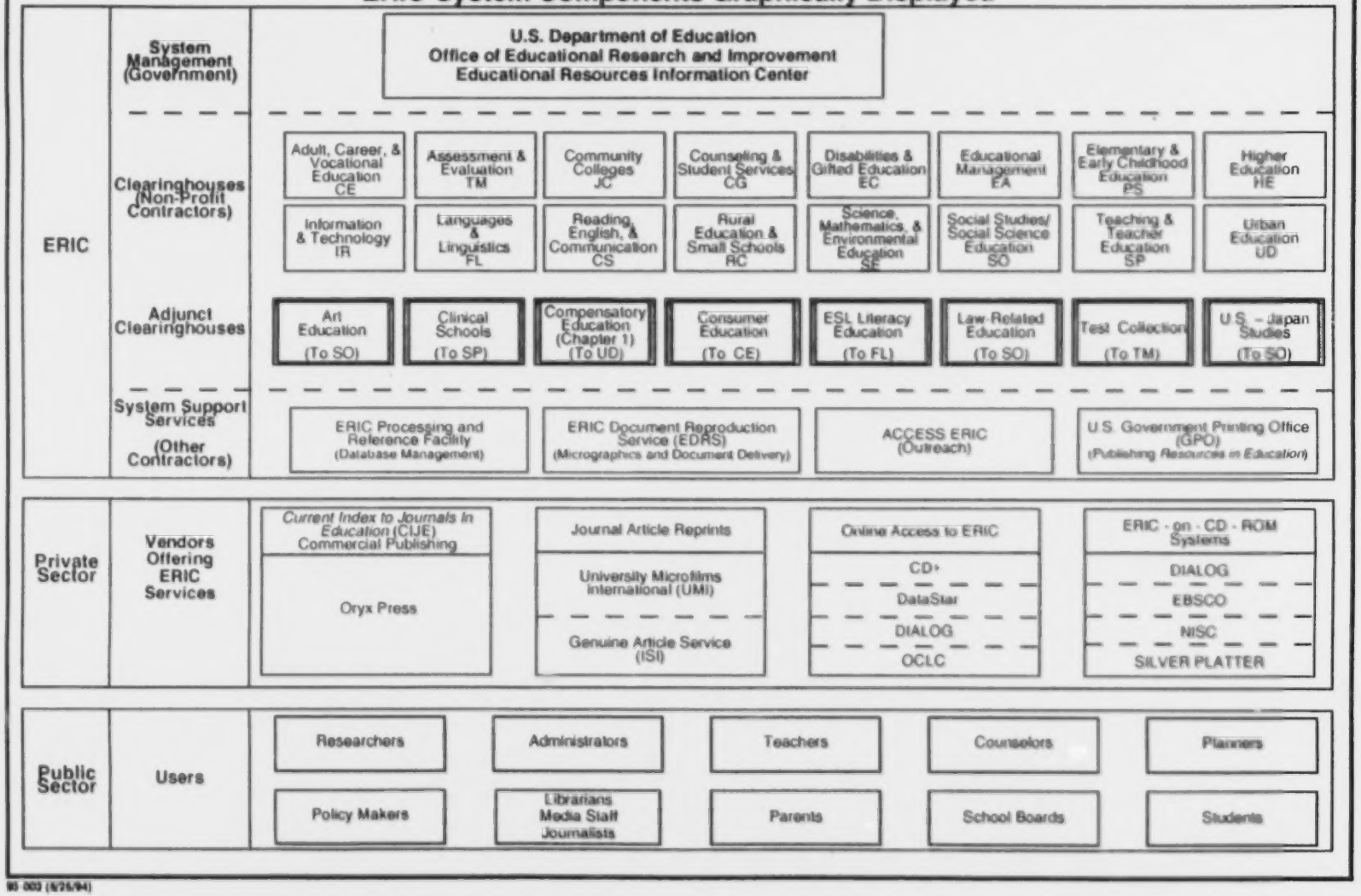
How many access points are available?
Can the search strategy be saved and reexecuted in the future or on another disk from the set?
Can search results be sorted? Downloaded? Displayed in a variety of formats?
Is there an on-disk thesaurus? Does it show broader terms, narrower terms, related terms, and postings?
Is on-screen help available?
Does the system offer shortcuts for experienced searchers?
Is direct record access possible?

Prepared by Susann L. Wurster, Editing Specialist
ERIC Clearinghouse on Information & Technology
August 1994

*This fact sheet was prepared with funding from the Office of Educational Research and Improvement, U.S. Department of Education, contract no. RR93002009. The opinions expressed in this report do not necessarily reflect the positions or policies of OERI or ED.*

# ERIC at-a-Glance

## ERIC System Components Graphically Displayed




95-003 (6/26/94)



BEST COPY AVAILABLE

ERIC

ERIC

ERIC

ERIC

ERIC

ERIC

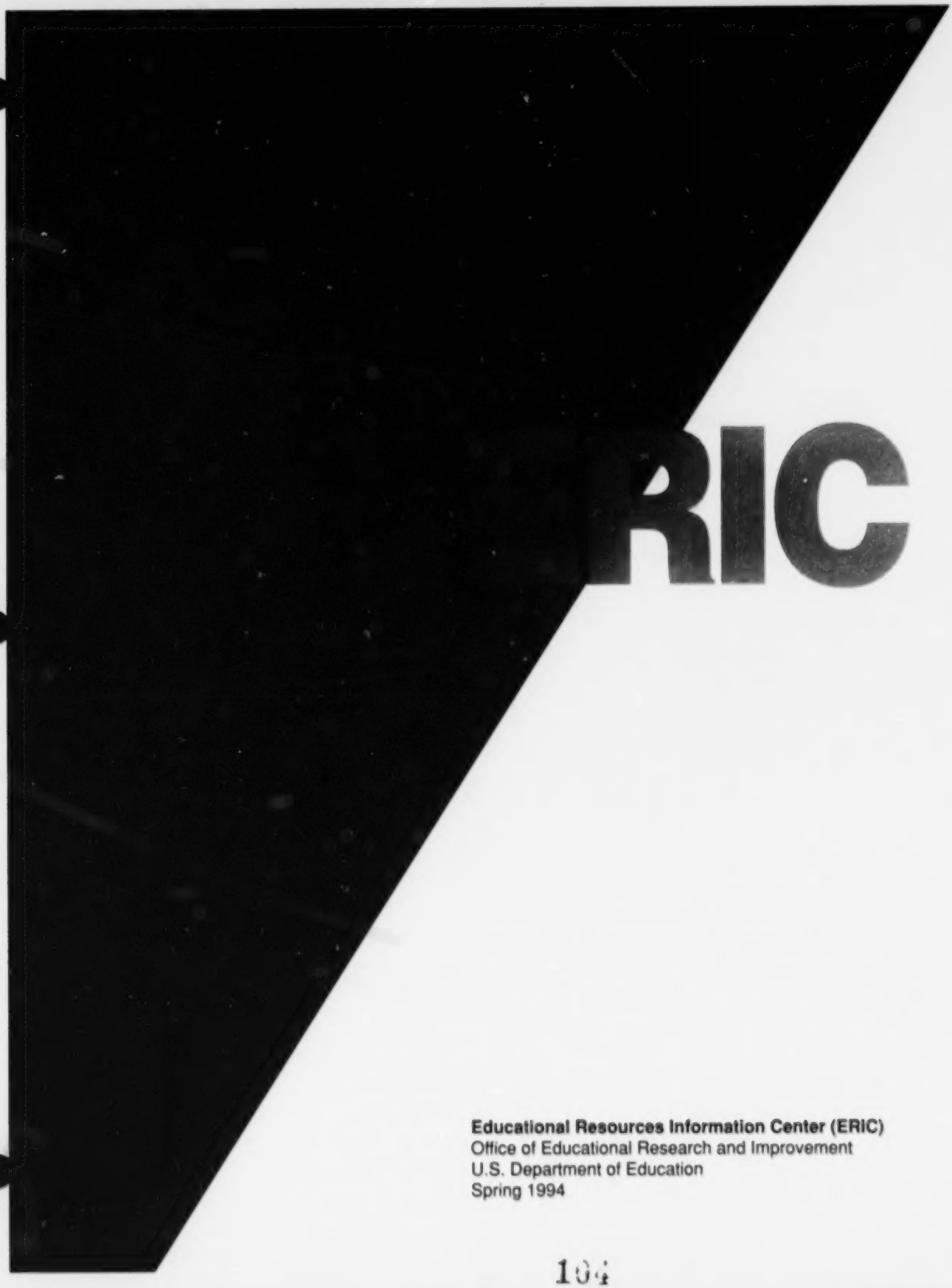
ERIC

ERIC

**Educational Resources Information Center**
Office of Educational Research and Improvement
U.S. Department of Education



BEST COPY AVAILABLE




**Educational Resources Information Center (ERIC)**
Office of Educational Research and Improvement
U.S. Department of Education
Spring 1994

*All About* **ERIC** was prepared by Lynn Smarte, Project Director, ACCESS ERIC, under contract #RR92024001 for the Office of Educational Research and Improvement, U.S. Department of Education. The text is in the public domain and may be freely reproduced in whole or in part.

**PART I**

*Start with this section if you need a basic introduction to using the ERIC system.*

What Is ERIC? ..... 3
Who Uses ERIC? ..... 4
What Can You Get From ERIC? ..... 5
Where Can You Use ERIC? ..... 8
How To Get Copies of Publications and Articles in the ERIC Database ..... 9
Basic Tips for Searching the ERIC Database ..... 10
How Can You Contribute to the ERIC Database? ..... 14

**PART II**

*Use this section to find addresses and phone numbers for ERIC Clearinghouses and other system components.*

ERIC System Directory ..... 17

**PART III**

*Read this section if you work in a library or resource center and want to provide access to ERIC.*

How To Start an ERIC Collection ..... 25
Other ERIC Resources for Libraries and Information Centers ..... 27
ERIC Partners ..... 29

**APPENDIXES**

ERIC Search Worksheet ..... 33
Vendors of ERIC Online Services and CD-ROM Products ..... 34
Reproduction Release Form ..... 35
Glossary ..... 37
Handout for Education Students: "ERIC Tips for Teachers in Training" ..... 39

P1

## What Is ERIC?

The **Educational Resources Information Center (ERIC)** is a federally funded, nationwide information network designed to provide you with ready access to education literature.

At the heart of ERIC is the largest education database in the world—containing more than 800,000 records of journal articles, research reports, curriculum and teaching guides, conference papers, and books. Each year approximately 30,000 new records are added. The ERIC database is available in many formats at hundreds of locations.

ERIC presents education information in a format convenient to users. More than 20 years ago, ERIC became the first commercial online database. In 1986 the ERIC database became available for searching on CD-ROM (compact disk, read-only memory).

Now ERIC is at the forefront of efforts to make education information available through computer networks. ERIC is available to thousands of teachers, administrators, parents, students, and others through electronic networks, including the Internet, CompuServe, America Online, America Tomorrow, and GTE Educational Network Services. Network users can read and download information on the latest education trends and issues. On some systems, users can direct education-related questions to AskERIC and get a response from an education specialist within 48 hours.

ERIC also offers customized assistance through a network of subject-specific education clearinghouses that provide toll-free reference and referral, and free or low-cost publications on important education topics.

The **ERIC** system, managed by the U.S. Department of Education's Office of Educational Research and Improvement (OERI), consists of 16 clearinghouses, a number of adjunct clearinghouses, and additional support components.

The **ERIC Clearinghouses** collect, abstract, and index education materials for the ERIC database; respond to requests for information in their subject areas; and produce special publications on current research, programs, and practices.

The **ERIC Document Reproduction Service (EDRS)** produces and sells microfiche and paper copies of documents announced in the ERIC database.

The **ERIC Processing and Reference Facility** is the technical hub of the ERIC system that produces and maintains the database and systemwide support products.

**ACCESS ERIC** coordinates ERIC's outreach, dissemination, and marketing activities; develops systemwide ERIC publications; and provides general reference and referral services.

This publication will help you understand how you can use the resources available from ERIC to meet your needs.

## Who Uses ERIC?

ERIC is the largest education resource in the world and serves the information needs of a wide spectrum of users, allowing:

**Teachers**—to obtain the latest information on preservice and inservice training; learn about new classroom techniques and materials; and discover resources for personal and professional development.

**Administrators/School Boards**—to identify new and significant education developments, learn new management tools and practices, and assist local and state agencies in planning education programs.

**Students**—to gain access to the latest information for preparing term papers, theses, and dissertations; obtain information on career development; and build a personalized, low-cost education library.

**Parents/General Public**—to learn about new developments in education, gain information on the role of parents and the public in child development and school improvement, learn about adult continuing education, and keep abreast of new legislation on education.

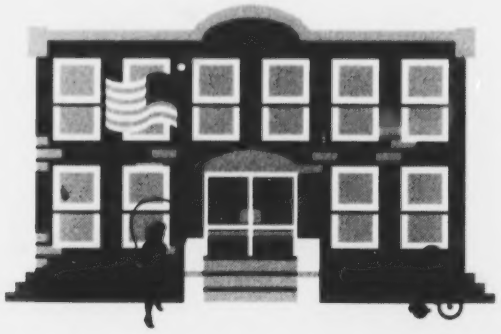
**Researchers/Professors**—to keep up to date on research and practice, avoid duplication of research efforts, and obtain full-text research reports.

**Librarians/Information Specialists**—to compile bibliographies and summaries on specific education topics, search the ERIC database for answers to queries, and locate and order documents.

**Professional Organizations**—to keep members abreast of trends and issues in specific areas of education, and obtain current information for association publications and position statements on education issues.

**Civil Servants**—to conduct research in education-related areas; verify research results; stay informed of international, national, regional, state, and local issues; and develop legislation and policy.

**Journalists**—to gather background information, provide resources for articles and programming, and monitor trends and issues in education.



Whether you need a little information or a lot ERIC is an excellent resource for research summaries on current, high-interest topics; references to recent journal articles; complete research reports, books, or curriculum guides; or extensive bibliographies.

## *Reference and Referral Services*

ERIC offers *free* reference and referral services to the public through its network of clearinghouses, ACCESS ERIC, and electronic AskERIC question-answering services. Staff are available to provide ERIC publications, answer questions about ERIC, locate hard-to-find documents, and refer you to other appropriate information sources. It is best to call an ERIC Clearinghouse if you have a subject-specific question. Toll-free phone numbers for the clearinghouses are listed in Part 2. You can call ACCESS ERIC (1–800–LET–ERIC) for help in using the ERIC system or for the latest information on electronic AskERIC services.

## *Publications Produced by* **ERIC**

The ERIC system produces more than 250 special publications each year. These publications provide you with the latest research and practice information on current, high-interest topics.

Clearinghouses produce free and low-cost publications, including brochures, newsletters, pamphlets, monograph series, and bibliographies. ERIC Digests, which are two-page research syntheses, are among the ERIC system's most popular offerings. There are currently more than 1,000 Digests, and approximately 100 new titles are produced each year. For information on clearinghouse publications, turn to the list of ERIC Clearinghouses starting on page 17 and contact those that cover your subject.

## *The* **ERIC** *Database*

The ERIC database contains more than 800,000 bibliographic records of research reports, conference papers, teaching guides, books, and journal articles. Figure 1 shows a typical ERIC document resume.

If a publication has an ERIC Document (ED) number, you can probably find a copy at any one of the more than 900 libraries that maintain an ERIC microfiche collection, or you can purchase a microfiche or paper copy from the ERIC Document Reproduction Service (1–800–443–ERIC). For publications that are not available from ERIC, the abstract will include information on where you can get a copy.

More than 800 education-related journals are covered in ERIC. Figure 2 shows a typical ERIC journal article (EJ) resume.

Copies of journal articles can be obtained from library periodical collections; through interlibrary loan; from the journal publisher; or from article reprint services such as University Microfilms International (UMI), 1–800–521–0600, or Institute for Scientific Information (ISI), 1–800–523–1850. (Addresses and local phone numbers for these services appear on page 9.)

## Figure 1

# Sample ERIC Document Resume

**ERIC Accession Number**—identification number sequentially assigned to documents as they are processed.

**ED359626** **EA025062** ← **Clearinghouse Accession Number**

**Author(s)** → *Fuhrman,-Susan-H.,-Ed.*

**Title** → **Designing Coherent Education Policy: Improving the System.**

**Institution.** (Organization where document originated.) → Corporate Source—Consortium for Policy Research in Education, New Brunswick, NJ.

Sponsoring Agency—Office of Educational Research and Improvement (ED), Washington, DC. ← **Sponsoring Agency**—agency responsible for initiating, funding, and managing the research project.

**Contract or Grant Number** → Contract Nos.—R117G10007; R117G10039

**Date Published** → Pub Date—1993

**ISBN** (International Standard Book Number) → ISBN-1-55542-536-4

Available from—Jossey-Bass Publishers, 350 Sansome Street, San Francisco, CA 94104. ← **Alternate source for obtaining document.**

Note—370 p. ← **Descriptive Note** (pagination first).

**ERIC Document Reproduction Service (EDRS) Availability**—"MF" means microfiche; "PC" means reproduced paper copy. When describes as "Document Not Available from EDRS," alternate sources are cited above. Prices are subject to change. For latest price code schedule see section on "How to Order ERIC Documents," in the most recent issue of *Resources in Education*, or call EDRS at 1-800-443-3742 for price information. → **EDRS Price—MF01/PC15 Plus Postage.**

Pub Type—Books (010)—Collected Works-General (020)—Guides-Non-Classroom (055) ← **Publication Type**—broad categories indicating the form or organization of the document, as contrasted to its subject matter. The category name is followed by the category code.

Descriptors—Educational Change; Elementary Secondary Education; Governance; Politics of Education; Standards; *Educational Objectives; *Educational Policy; *Instructional Improvement; *Policy Formation; *Public Education ← **Descriptors**—subject terms found in the *Thesaurus of ERIC Descriptors* that characterize substantive content. Only the major terms (preceded by an asterisk) are printed in the Subject Index of *Resources in Education*.

**Abstract**

This book examines issues in designing coherent education policy for public elementary and secondary schools. It seeks to expand the policy discussion by refining the definition of coherence and considering a number of complex questions raised by the notion of coherent policy. The book offers an indepth look at systemic school reform and offers a variety of ideas as to how educators at the district, state, and federal levels may coordinate the various elements of policy infrastructure around a new set of ambitious, common goals for student achievement. Chapters include the following: (1) "The Politics of Coherence" (Susan H. Fuhrman); (2) "Policy and Practice: The Relations between Governance and Instruction" (David K. Cohen and James P. Spillane); (3) "The Role of Local School Districts in Instructional Improvement" (Richard F. Elmore); (4) "Systemic Educational Policy: A Conceptual Framework" (William H. Clune); (5) "Student Incentives and Academic Standards: Independent Schools as a Coherent System" (Arthur G. Powell); (6) "New Directions for Early Childhood Care and Education Policy" (W. Steven Barnett); (7) "How the World of Students and Teachers Challenges Policy Coherence" (Milbrey W. McLaughlin and Joan E. Talbert); (8) "Systemic Reform and Educational Opportunity" (Jennifer A. O'Day and Marshall S. Smith); and (9) "Conclusion: Can Policy Lead the Way?" (Susan H. Fuhrman). References accompany each chapter. (LMI) ← **Abstractor's Initials**

**Note: The format of an ERIC Document resume will vary according to the source from which the database is accessed. The above format is from the printed index, *Resources in Education*.**

## Figure 2

# Sample ERIC Journal Article Resume

**ERIC Accession Number**—identification number sequentially assigned to articles as they are processed.

**Clearinghouse Accession Number**

EJ466919 EC606287

**Article Title** → **Family-Centered Techniques: Integrating Enablement into the IFSP Process.** Andrews,

**Author(s)** → Mary A.; Andrews, James R. *Journal of Childhood Communication Disorders*, v15 n1 p41–46 1993 ← **Journal Title**

**Reprint Availability** → (Reprint: UMI)

**Descriptive Note** → Note: Theme Issue: Service Delivery to Infants and Toddlers: Current Perspectives.

ISSN: 0735–3170 ← **ISSN** (International Standard Serial Number)

**Major and Minor Descriptors**—subject terms found in the *Thesaurus of ERIC Descriptors* that characterize substantive content. Only the major terms (preceded by an asterisk) are printed in the Subject Index of *Current Index to Journals in Education (CIJE)*.

→ Descriptors: Child Rearing; *Communication Disorders; *Early Intervention; *Family Involvement; Individual Development; Objectives; Parenting Skills; Skill Development; *Teamwork; Young Children

Identifiers: *Enabler Model; Family Needs; *Individualized Family Service Plans ← **Major and Minor Identifiers**—terms found in the *Identifier Authority List* that characterize proper names or concepts not yet represented by descriptors. Only the major terms (preceded by an asterisk) are printed in the Subject Index of *Current Index to Journals in Education*.

**Annotation**

This article describes techniques, used in a family-centered early intervention project, that both assist in accomplishing the goals of the Individualized Family Service Plan process and create opportunities for families to display their present competencies and acquire new ones to meet the needs of their children with communication disorders.

**Annotator's Initials** → (Author/JDD)

Note: The format of an ERIC Journal Article resume will vary according to the source from which the database is accessed. The above format is from the printed index, *Current Index to Journals in Education*.

# Where Can You Use ERIC?

## Personal Computers

### Commercial Services

If you have a personal computer with a modem, you can use it to access ERIC information. Commercial networks such as America Online, CompuServe, and GTE Educational Network Services all feature "AskERIC" information on current topics in education. Many of these services offer all or part of the ERIC database, which can be searched using key words, titles, authors, or other approaches.

A personal computer and modem can also be used to search ERIC and many other databases for a fee by signing up with commercial online database vendors such as Bibliographic Retrieval Services (BRS) or DIALOG Information Services. (See commercial vendor addresses and phone numbers on page 34.)

### The Internet

Internet* users can reach an AskERIC service that offers fast, individualized responses to education questions and a free electronic education library. For questions about education, child development and care, parenting, learning, teaching, information technology, and other related topics, send an e-mail message to ***askeric@ericir.syr.edu***.

You can also use the Internet to connect to sites that offer free public access to the ERIC database. For the latest information on Internet access to ERIC, contact the ERIC Clearinghouse on Information & Technology (phone: 1–800–464–9107 or e-mail: askeric@ericir.syr.edu) or ACCESS ERIC (phone: 1–800–LET–ERIC or e-mail: acceric@inet.ed.gov).

**Toll-free phone**

**E-mail**

## Libraries and Information Centers

ERIC is available at most university libraries, many public libraries, and other professional libraries and education resource centers—more than 1,000 of which are designated as ERIC information service providers. At these locations you can search the ERIC database yourself, or have a librarian search for you. Most of these locations also have a substantial ERIC microfiche collection and microfiche reader/printers for making copies of ERIC documents.

## ERIC Clearinghouses

All of the ERIC Clearinghouses have toll-free numbers and information specialists to help you. Even if you have access to ERIC on your personal computer or at a convenient library, you may want to contact the clearinghouse that covers your education topic. Clearinghouses offer free and inexpensive publications and tips on how to search the ERIC database, and can often refer you to other sources of information. (See the complete list of ERIC Clearinghouses on pages 17–22.)

**If you need help finding the best way to use ERIC, call ACCESS ERIC toll free at 1–800–LET–ERIC (1–800–538–3742).**

*The Internet is a worldwide cooperative computer network made up of many smaller networks that are interconnected. You may have access to the Internet through a computerized university or statewide teacher network, community network, or your membership with a commercial service.

# How To Get Copies of Publications and Articles in the ERIC Database

The ERIC database has bibliographic information and abstracts on two types of materials: ERIC documents (with ED numbers) and journal articles (with EJ numbers).

With the expansion of computer access to information, there has been increasing interest in full-text electronic access to ERIC documents and articles, which would allow you to print or download the complete text of the ones you want. The ERIC system is exploring ways to make more of the database available in full text and has made the popular ERIC Digests available through the ERIC Digests Online File. You can get complete copies of ERIC Digests from many electronic sources, including most CD-ROM versions of ERIC, the online vendors, and several Internet hosts.

Until electronic full text becomes available for other ERIC database references, here's how you get copies:

## ERIC *Documents*

Most publications with ED numbers can be found at any library that has the ERIC microfiche collection.* At these locations you can read the publications and make copies for a nominal per-page charge on a microfiche reader/printer. To locate the microfiche collection nearest you, call ACCESS ERIC at 1–800–LET–ERIC.

You can also purchase microfiche or paper copies of most ERIC documents from the ERIC Document Reproduction Service (EDRS), which accepts orders by toll-free phone call, fax, mail, or online (through DIALOG, BRS, and OCLC). For more information or to order documents, contact:

**ERIC Document Reproduction Service (EDRS)**
7420 Fullerton Road, Suite 110
Springfield, Virginia 22153–2852
Toll Free: (800) 443–ERIC (3742)
Telephone: (703) 440–1400
Fax: (703) 440–1408

## *Journal Articles*

Copies of journal articles announced in ERIC can be found in library periodical collections, through interlibrary loan, or from article reprint services, including:

**University Microfilms International (UMI)**
Article Clearinghouse
300 North Zeeb Road
P.O. Box 1346
Ann Arbor, MI 48106–1346
Toll Free: (800) 521–0600, Ext. 2786
Telephone: (313) 761–4700
Fax: (313) 665–7075

**Institute for Scientific Information (ISI)**
Genuine Article Service
3501 Market Street
Philadelphia, PA 19104
Toll Free: (800) 523–1850
Telephone: (215) 386–0100
Fax: (215) 386–6362

To obtain journals that do not permit reprints and are not available from your library, write directly to the publisher. Addresses of publishers are listed in the front of each issue of *Current Index to Journals in Education* (*CIJE*), ERIC's printed index of journal citations, which is available in many libraries.

* Approximately 5 percent of the documents abstracted in ERIC are not available in the microfiche collection. For those publications, the bibliographic citation will include information on where to get a copy.

# Basic Tips for Searching the ERIC Database

Wherever you choose to run a computer search of the ERIC database, the result of the search will be an annotated bibliography of journal (EJ) and document (ED) literature on your topic. There are a few important tips to keep in mind to ensure that your search meets your needs.

## Find the best way to access the **ERIC** database

You can now use ERIC from your personal computer, at university libraries, at many public and professional libraries, and through contacting the ERIC Clearinghouses. Before you decide where to search ERIC, ask these questions:

1. How much will it cost?
   You may have free or inexpensive access to ERIC. If not, you may have to pay for connect time on some computer systems or order a search through a search service.
2. How much of the ERIC database is available?
   Some services provide access to the entire ERIC database, which goes back to 1966; others may allow you to search only the last 5 or 10 years of ERIC. If this is important to you, find out how much of ERIC is available before choosing a search system.
3. How long will it take?
   Turnaround time can vary from a few minutes, if you have direct access to ERIC on a personal computer, to several days or longer if you have to order a search that someone else will run for you.
4. How much flexibility does the search system offer?
   Many different software systems are used to search ERIC. Some menu-driven search systems make it easy for a first-time user, but may limit opportunities to make changes to the search question. If you try searching ERIC and feel you cannot locate exactly what you are looking for, ask your librarian for help or call an ERIC Clearinghouse.

## Use the Thesaurus of ERIC Descriptors

Every one of the more than 800,000 articles and documents in the ERIC database has been given subject indexing terms called *descriptors*. Before you run an ERIC search, it is important to take a few minutes to find the ERIC descriptors that best capture your topic.

For example, articles and documents about the development of children's social skills would be indexed under the descriptor *interpersonal competence*. The ERIC descriptor for children at risk is *at risk persons*. When you search for information about high school students, you can use the descriptor *high school students* but would miss a lot of material if you did not also use the descriptor *secondary education*.

Locations that offer ERIC searches should have reference copies of the *Thesaurus of ERIC Descriptors*, and some search systems allow access to the *Thesaurus* while running your search.

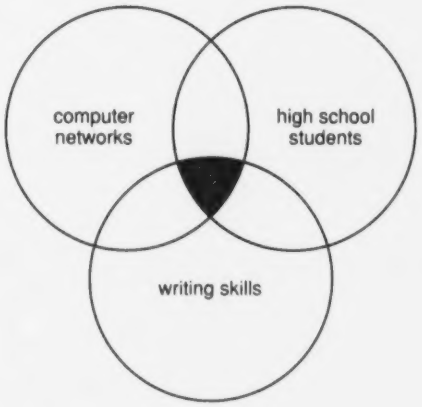
**If you cannot locate a copy of the *Thesaurus of ERIC Descriptors*, call the ERIC Clearinghouse that covers your subject and ask for help with the search strategy. (See the toll-free numbers in Part 2.)**

## *Know your* **ANDs** *and* **ORs**

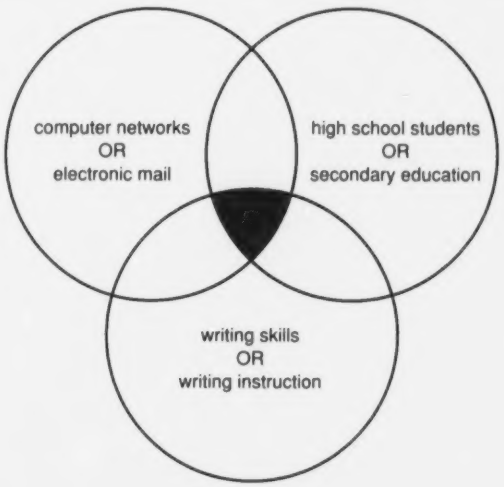
Although the software used to search ERIC will depend on which system is used, all searching is based on Boolean logic: the computer creates sets of information based on the way you tell it to combine subject terms.

For example, to find out how computer networks and e-mail can be used to improve high school students' writing, you could use the *Thesaurus* to find these subject descriptors: *computer networks*, *high school students*, and *writing skills*.

If you want to find records that are indexed under **all** of these concepts, you would use the AND command to tell the computer to find the intersection of these three subsets.




If **more** information on this topic is needed, use the *Thesaurus* to locate additional relevant descriptors and add them to your concept sets by using the OR operator. When the OR command is used, documents and articles indexed with **either** descriptor are searched and combined in a set.



## *Plan Your Search Strategy*

To plan your ERIC search, follow these steps:

1. write the topic in your own words;
2. divide the search into major concepts; and
3. use the *Thesaurus of ERIC Descriptors* to locate the subject descriptors for each concept of the topic.

Here's an example of how a search topic/question can be turned into an ERIC search strategy:

### ERIC Search Worksheet

***TOPIC*** How can computer networks and e-mail be used to improve high school students' writing?

***CONCEPTS and ERIC DESCRIPTORS***

| | CONCEPT 1 | AND | CONCEPT 2 | AND | CONCEPT 3 |
|---|---|---|---|---|---|
| | computer networks | | high school students | | writing |
| OR | computer networks<br>OR<br>electronic mail | | high school students<br>OR<br>secondary education | | writing skills<br>OR<br>writing instruction |

***ADDITIONAL LIMITATIONS***

(e.g., document types, educational level/age group, publication dates, etc.)

You can use the blank ERIC Search Worksheet on page 33 to plan your ERIC search.

## *Additional Search Tips*

To locate journal articles or other publications on a particular education topic, searching by descriptors (subject terms) is usually the best approach. There are other ways to search ERIC, for example, by title, author, specific journals, and even target audience (i.e., whether the publication was intended for teachers, students, parents, etc.).

If you cannot locate instructions for searching ERIC by title, target audience, or the approaches listed below, ask a librarian for help or call an ERIC Clearinghouse. (Note that the details of how you search ERIC will vary depending on the software system, so whenever possible it is best to get instructions from someone who knows the system you are using.)

Here are some other ways to search ERIC:

### *Identifiers*

Identifiers are searchable key words not found in the *Thesaurus of ERIC Descriptors.* They are often proper names or concepts not yet represented by approved descriptors. Identifiers are used to index geographic locations, personal names, test or program names, specific legislation, and so forth. Examples include: Curry Test of Critical Thinking, Gallaudet College DC, Japan United States Textbook Study Project, and Piaget (Jean).

### *Publication Types (also called Document Types)*

In addition to being indexed according to descriptors and identifiers, ERIC documents are categorized by their form of publication. You may want to specify document types in your search strategy to locate a particular kind of document, such as: teaching guides, research/technical reports, tests/evaluation instruments, and books.

A complete list of ERIC publication/document types appears in the *Thesaurus of ERIC Descriptors.*

### *Year of Publication*

A search can be limited by the publication dates of documents and articles. For example, you may know before running your search that you only want materials from the last 5 or 10 years. The year of publication can be included as a limiting factor in your original search strategy, or it can be used to modify a search if you find more abstracts than you need.

### *Free-Text Searching*

Free-text searching enables you to search for unique words and phrases found in titles or abstracts. This approach is useful if you do not know the best descriptor to use, or know that there is no indexing term for a concept. For example, you could search the phrase "Head Start" to locate information on that topic. (The results of this search would show you that "Project Head Start" is searchable as an identifier.)

## How Can You Contribute to the ERIC Database?

Consider sharing your own work with others by submitting it to ERIC. If you have recently authored a research report, program description or evaluation, literature review, teaching guide, conference paper, or other education-related work, you can make it permanently available and accessible to others through ERIC.

Organizations that wish to sell copies of their original documents can have this availability (together with address and price information) announced in the bibliographic record. Studies have shown that availability from ERIC does not reduce sales from the original source, since purchasers prefer an original copy over one reproduced from microfiche. After the document is sold out at the original source, it will still be available through the ERIC Document Reproduction Service (EDRS), if permission to reproduce has been granted to ERIC.

Acceptance of submitted documents is not automatic; all documents submitted to ERIC are evaluated by subject experts according to the following criteria: contribution to knowledge, significance, relevance, newness, innovativeness, effectiveness of presentation, thoroughness of reporting, relation to current priorities, timeliness, authority of source, intended audience, and comprehensiveness.

To submit your publication, send ERIC one legible (laser printer quality) copy of your report, speech, paper, or other document to be considered, and a completed Reproduction Release Form (see Appendix, page 35). The Reproduction Release Form grants ERIC permission to reproduce and disseminate the document, but does not preclude your selling the publication or having it published elsewhere.

You may send your publication to the clearinghouse that covers your topic. (See list of ERIC Clearinghouses in Part 2.) If you are uncertain which clearinghouse is appropriate or if you have questions about submitting your work, contact:

**ERIC Processing and Reference Facility**
Acquisitions Department
1301 Piccard Drive, Suite 300
Rockville, Maryland 20850–4305
Toll Free: (800) 799–ERIC (3742)
Telephone: (301) 258–5500
Fax: (301) 948–3695
Internet: ericfac@inet.ed.gov

# Part 2

## ERIC *Clearinghouses*

Each of the 16 ERIC Clearinghouses specializes in a different subject area of education. The clearinghouses acquire significant literature within their particular scope; select the highest quality and most relevant materials; and catalog, index, and abstract them for input into the database. The clearinghouses also provide research summaries, bibliographies, information analysis papers, and many other products and services. Together, the clearinghouses present the most comprehensive mosaic of education information in the country.

**Adult, Career, and Vocational Education (CE)**
The Ohio State University
1900 Kenny Road
Columbus, OH 43210–1090
Toll Free: (800) 848–4815
Telephone: (614) 292–4353
Fax: (614) 292–1260
Internet: ericacve@magnus.acs.ohio-state.edu

All levels and settings of adult and continuing, career, and vocational/technical education. Adult education, from basic literacy training through professional skill upgrading. Career awareness, career decision making, career development, career change, and experience-based education. Vocational and technical education, including new subprofessional fields, industrial arts, corrections education, employment and training programs, youth employment, work experience programs, education/business partnerships, entrepreneurship, adult retraining, and vocational rehabilitation for individuals with disabilities. *The Adjunct ERIC Clearinghouse on Consumer Education is associated with ERIC/CE.*

**Assessment and Evaluation (TM)**
The Catholic University of America
210 O'Boyle Hall
Washington, DC 20064
Toll Free: To be announced.
Telephone: (202) 319–5120
Fax: (202) 319–6692
Internet: eric_ae@cua.edu

Tests and other measurement devices; methodology of measurement and evaluation; application of tests, measurement, or evaluation in educational projects or programs; research design and methodology in the area of assessment and evaluation; and learning theory. *The Adjunct Test Collection Clearinghouse is associated with ERIC/TM.*

**Community Colleges (JC)**
3051 Moore Hall
University of California at Los Angeles
Los Angeles, CA 90024–1521
Toll Free: (800) 832–8256
Telephone: (310) 825–3931
Fax: (310) 206–8095
Internet: eeh3usc@mvs.oac.ucla.edu

Development, administration, and evaluation of 2-year public and private community and junior colleges, technical institutes, and 2-year branch university campuses. Two-year college students, faculty, staff, curricula, programs, support services, libraries, and community services. Linkages between 2-year colleges and business/industrial organizations. Articulation of 2-year colleges with secondary and 4-year postsecondary institutions.

**Counseling and Student Services (CG)**
University of North Carolina at Greensboro
School of Education
1000 Spring Garden Street
Greensboro, NC 27412–5001
Toll Free: (800) 414–9769
Telephone: (919) 334–4114
Fax: (919) 334–4116
Internet: ericcass@iris.uncg.edu

Preparation, practice, and supervision of counselors at all educational levels and in all settings; theoretical development of counseling and student services; personnel procedures such as testing and interviewing and the analysis and dissemination of the resultant information; group and case work; nature of pupil, student, and adult characteristics; and personnel workers and their relation to career planning, family consultations, and student orientation activities.

**Disabilities and Gifted Education (EC)**
Council for Exceptional Children
1920 Association Drive
Reston, VA 22091–1589
Toll Free: (800) 328–0272
Telephone: (703) 264–9474
Fax: (703) 264–9494
Internet: ericec@inet.ed.gov

All aspects of the education and development of the disabled and gifted, including identification, assessment, intervention, and enrichment, both in special settings and within the mainstream.

**Educational Management (EA)**
University of Oregon
1787 Agate Street
Eugene, OR 97403–5207
Toll Free: (800) 438–8841
Telephone: (503) 346–5043
Fax: (503) 346–2334
Internet: ppiele@oregon.uoregon.edu

The leadership, management, and structure of public and private education organizations; practice and theory of administration; preservice and inservice preparation of administrators; tasks and processes of administration; methods and varieties of organization and organizational change; and the social context of education organizations. Sites, buildings, equipment for education; planning, financing, constructing, renovating, equipping, maintaining, operating, insuring, utilizing, and evaluating educational facilities.

**Elementary and Early Childhood Education (PS)**
University of Illinois
805 West Pennsylvania Avenue
Urbana, IL 61801–4897
Toll Free: (800) 583–4135
Telephone: (217) 333–1386
Fax: (217) 333–3767
Internet: ericeece@ux1.cso.uiuc.edu

The physical, cognitive, social, educational, and cultural development of children from birth through early adolescence; prenatal factors; parents, parenting, and family relationships that impinge on education; learning theory research and practice related to the development of young children, including the preparation of teachers for this educational level; interdisciplinary curriculum and mixed-age teaching and learning; educational, social, and cultural programs and services for children; the child in the context of the family and the family in the context of society; theoretical and philosophical issues pertaining to children's development and education.

**Higher Education (HE)**
The George Washington University
One Dupont Circle NW, Suite 630
Washington, DC 20036–1183
Toll Free: (800) 773–3742
Telephone: (202) 296–2597
Fax: (202) 296–8379
Internet: eriche@inet.ed.gov

Topics relating to college and university conditions, problems, programs, and students. Curricular and instructional programs, and institutional research at the college or university level. Federal programs, professional education (medicine, law, etc.), professional continuing education, collegiate computer-assisted learning and management, graduate education, university extension programs, teaching and learning, legal issues and legislation, planning, governance, finance, evaluation, interinstitutional arrangements, management of institutions of higher education, and business or industry educational programs leading to a degree.

**Information & Technology (IR)**
Syracuse University
4–194 Center for Science and Technology
Syracuse, NY 13244–4100
Toll Free: (800) 464–9107
Telephone: (315) 443–3640
Fax: (315) 443–5448
Internet: eric@ericir.syr.edu
AskERIC (Internet-based question-answering service): askeric@ericir.syr.edu

Educational technology and library and information science at all levels. Instructional design, development, and evaluation within educational technology, along with the media of educational communication: computers and microcomputers, telecommunications, audio and video recordings, film and other audiovisual materials as they pertain to teaching and learning. The focus is on the operation and management of information services for education-related organizations. Includes all aspects of information technology related to education.

**Languages and Linguistics (FL)**
Center for Applied Linguistics
1118 22nd Street NW
Washington, DC 20037
Toll Free: (800) 276–9834
Telephone: (202) 429–9292
Fax: (202) 659–5641
Internet: eric@cal.org

Languages and language sciences. All aspects of second language instruction and learning in all commonly and uncommonly taught languages, including English as a second language. Bilingualism and bilingual education. Cultural education in the context of second language learning, including intercultural communication, study abroad, and international education exchange. All areas of linguistics, including theoretical and applied linguistics, sociolinguistics, and psycholinguistics. *The Adjunct ERIC Clearinghouse for ESL Literacy Education is associated with ERIC/FL.*

**Reading, English, and Communication (CS)**
Indiana University
Smith Research Center, Suite 150
2805 East 10th Street
Bloomington, IN 47408–2698
Toll Free: (800) 759–4723
Telephone: (812) 855–5847
Fax: (812) 855–4220
Internet: ericcs@ucs.indiana.edu

Reading, English, and communication (verbal and nonverbal), preschool through college; educational research and instruction development in reading, writing, speaking, and listening; identification, diagnosis, and remediation of reading problems; speech communication (including forensics), mass communication, interpersonal and small group interaction, interpretation, rhetorical and communication theory, speech sciences, and theater. Preparation of instructional staff and related personnel. All aspects of reading behavior with emphasis on physiology, psychology, sociology, and teaching; instructional materials, curricula, tests/measurement, and methodology at all levels of reading; the role of libraries and other agencies in fostering and guiding reading; diagnostics and remedial reading services in schools and clinical settings. Preparation of reading teachers and specialists.

**Rural Education and Small Schools (RC)**
Appalachia Educational Laboratory
1031 Quarrier Street
P.O. Box 1348
Charleston, WV 25325–1348
Toll Free: (800) 624–9120
Telephone: (304) 347–0400
Fax: (304) 347–0487
Internet: u56e1@wvnvm.wvnet.edu

Economic, cultural, social, or other factors related to educational programs and practices for rural residents; American Indians/Alaska Natives, Mexican Americans, and migrants; educational practices and programs in all small schools; and outdoor education.

**Science, Mathematics, and Environmental Education (SE)**
The Ohio State University
1929 Kenny Road
Columbus, OH 43210–1080
Toll Free: To be announced.
Telephone: (614) 292–6717
Fax: (614) 292–0263
Internet: ericse@osu.edu

Science, mathematics, and environmental education at all levels, and within these three broad subject areas, the following topics: development of curriculum and instruction materials; teachers and teacher education; learning theory/outcomes (including the impact of parameters such as interest level, intelligence, values, and concept development upon learning in these fields); educational programs; research and evaluative studies; media applications; computer applications.

**Social Studies/Social Science Education (SO)**
Indiana University
Social Studies Development Center
2805 East 10th Street, Suite 120
Bloomington, IN 47408–2698
Toll Free: (800) 266–3815
Telephone: (812) 855–3838
Fax: (812) 855–0455
Internet: ericso@ucs.indiana.edu

All levels of social studies and social science education; the contributions of history, geography, and other social science disciplines; applications of theory and research to social science education; education as a social science; comparative education (K–12); content and curriculum materials on social topics such as law-related education,

ethnic studies, bias and discrimination, aging, and women's equity. Music and art education are also covered. *The National Clearinghouse for U.S.-Japan Studies, the Adjunct ERIC Clearinghouse for Art Education, and the Adjunct ERIC Clearinghouse for Law-Related Education are associated with ERIC/SO.*

**Teaching and Teacher Education (SP)**
American Association of Colleges for Teacher Education
One Dupont Circle NW, Suite 610
Washington, DC 20036–1186
Toll Free: (800) 822–9229
Telephone: (202) 293–2450
Fax: (202) 457–8095
Internet: ericsp@inet.ed.gov

School personnel at all levels. Teacher recruitment, selection, licensing, certification, training, preservice and inservice preparation, evaluation, retention, and retirement. The theory, philosophy, and practice of teaching. Curricula and general education not specifically covered by other Clearinghouses. Organization, administration, finance, and legal issues relating to teacher education programs and institutions. All aspects of health, physical, recreation, and dance education. *The Adjunct ERIC Clearinghouse on Clinical Schools is associated with ERIC/SP.*

**Urban Education (UD)**
Teachers College, Columbia University
Institute for Urban and Minority Education
Main Hall, Room 303, Box 40
525 West 120th Street
New York, NY 10027–9998
Toll Free: (800) 601–4868
Telephone: (212) 678–3433
Fax: (212) 678–4048
Internet: eric-cue@columbia.edu

Programs and practices in public, parochial, and private schools in urban areas and the education of particular racial/ethnic minority children and youth in various settings—local, national, and international; the theory and practice of educational equity; urban and minority experiences; and urban and minority social institutions and services.

## *Adjunct Clearinghouses*

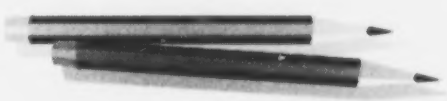
Adjunct ERIC Clearinghouses are associated with the ERIC Clearinghouse whose scope overlaps the narrower scope of the adjunct. Each adjunct identifies and acquires significant literature within its scope area. The clearinghouse with which the adjunct is associated then catalogs, indexes, and abstracts the documents for inclusion in the ERIC database. Like the larger clearinghouses, the adjuncts provide free reference and referral services in their subject areas.

**Adjunct ERIC Clearinghouse for Art Education**
Indiana University
Social Studies Development Center
2805 East Tenth Street, Suite 120
Bloomington, IN 47408–2698
Toll Free: (800) 266–3815
Telephone: (812) 855–3838
Fax: (812) 855–0455
Internet: ericso@ucs.indiana.edu

All aspects of visual arts education, including painting, sculpture, and aesthetics; training of art education teachers; the role of visual arts education in the overall school curriculum; and curriculum materials for art education and for integration of art into other subject areas.

**Adjunct ERIC Clearinghouse on Chapter 1 (Compensatory Education)**
Chapter 1 Technical Assistance Center
PRC, Inc.
2601 Fortune Circle East
One Park Fletcher Building, Suite 300–A
Indianapolis, IN 46241–2237
Toll Free: (800) 456–2380
Telephone: (317) 244–8160
Fax: (317) 244–7386

Helps state and local education agencies evaluate and improve their compensatory education programs; acquires and maintains workshop materials and documents produced by the nationwide network of Chapter 1 Technical Assistance Centers.



**Adjunct ERIC Clearinghouse on Clinical Schools**
ERIC Clearinghouse on Teaching and Teacher Education
American Association of Colleges for Teacher Education
One Dupont Circle NW, Suite 610
Washington, DC 20036–1186
Toll Free: (800) 822–9229
Telephone: (202) 293–2450
Fax: (202) 457–8095
Internet: iabdalha@inet.ed.gov

Provides a source of information on clinical schools, professional development schools, professional practice schools, and similar institutions; acquires, abstracts, and processes literature on clinical schools for the ERIC database; produces bibliographies, periodic papers, digests, and other material on issues related to clinical schools; and conducts research on clinical schools.

**Adjunct ERIC Clearinghouse for Consumer Education**
National Institute for Consumer Education
207 Rackham Building, West Circle Drive
Eastern Michigan University
Ypsilanti, MI 48197–2237
Toll Free: (800) 336–6423
Telephone: (313) 487–2292
Fax: (313) 487–7153
Internet: cse_bonner@emunix.emich.edu
edu_bannister@emuvax.emich.edu

Consumer and personal finance education throughout the life cycle; examines decision making, problem solving, identifying values and goals, obtaining resources, spending and borrowing, saving and investing, protecting resources (e.g., insurance, conservation), purchasing goods and services, rights and responsibilities, laws and regulation, and consumer assistance and advocacy within economic, political, and social contexts.

**Adjunct ERIC Clearinghouse for ESL Literacy Education (LE)**
Center for Applied Linguistics
1118 22nd Street NW
Washington, DC 20037
Telephone: (202) 429–9292, Extension 200
Fax: (202) 659–5641
Internet: ncle@cal.org

All aspects of literacy education for adults and out-of-school youth with limited English proficiency. Specific topics covered include development of reading, writing, computational, and communication skills; programs and projects in employment or in occupational or vocational training; workplace literacy programs; family literacy programs; intergenerational literacy programs; program design, development, implementation, and evaluation; outreach, including student assessment and placement; teaching methods, approaches, and techniques; technologies in the teaching of limited English proficient (LEP) adults; training and resource materials for teachers, instructors, and volunteers; training of trainers; student curricular materials; learning styles; cross-cultural considerations in literacy education; English as a second language for LEP adults; native language literacy for LEP adults; research on second language literacy; and citizenship instruction for adults of limited English proficiency.

**Adjunct ERIC Clearinghouse for Law-Related Education (LRE)**
Indiana University
Social Studies Development Center
2805 East Tenth Street, Suite 120
Bloomington, IN 47408–2698
Toll Free: (800) 266–3815
Telephone: (812) 855–3838
Fax: (812) 855–0455
Internet: ericso@ucs.indiana.edu

All areas of law-related education (LRE), including citizenship education, the United States Constitution, the law and legal issues, and the Bill of Rights.

**Adjunct Test Collection Clearinghouse**
Educational Testing Service
Rosedale Road
Princeton, NJ 08541
Telephone: (609) 734–5737
Fax (609) 683–7186
Internet: mhalpern@rosedale.org

Prepares descriptions of commercially available and noncommercially available tests, checklists, instruments, questionnaires, and other assessment and evaluation tools.

**National Clearinghouse for U.S.-Japan Studies (JS)**
Indiana University
Social Studies Development Center
2805 East 10th Street, Suite 120
Bloomington, IN 47408–2698
Toll Free: (800) 266–3815
Telephone: (812) 855–3838
Fax: (812) 855–0455
Internet: eabrooks@ucs.indiana.edu

All aspects of teaching and learning about Japanese society and culture, including economics, language training, politics, and U.S.-Japan relations.

## Federal Sponsor

**Educational Resources Information Center (ERIC)**
U.S. Department of Education
Office of Educational Research and Improvement (OERI)
555 New Jersey Avenue NW
Washington, DC 20208–5720
Telephone: (202) 219–2289
Fax: (202) 219–1817
Internet: eric@inet.ed.gov

The ERIC Program staff manage the ERIC system, coordinate systemwide activities, and establish policy.

## Support Components

ERIC support components produce, publish, and disseminate systemwide ERIC products and services.

**ACCESS ERIC**
1600 Research Boulevard
Rockville, MD 20850–3172
Toll Free: (800) LET–ERIC (538–3742)
Telephone: (301) 251–5264
Fax: (301) 251–5767
Internet: acceric@inet.ed.gov

ACCESS ERIC coordinates ERIC's outreach and systemwide dissemination activities; develops new ERIC publications; and provides general reference and referral services. ACCESS ERIC's publications and directories, including *A Pocket Guide to ERIC*, *All About ERIC*, *The ERIC Review*, *ERIC Users' Interchange*, the *Catalog of ERIC Clearinghouse Publications*, and several reference directories, help the public understand and use ERIC as well as provide information about current education-related issues, research, and practice.

**ERIC Document Reproduction Service (EDRS)**
7420 Fullerton Road, Suite 110
Springfield, VA 22153–2852
Toll Free: (800) 443–ERIC (3742)
Telephone: (703) 440–1400
Fax: (703) 440–1408
Internet: edrs@gwuvm.gwu.edu

EDRS produces and sells microfiche and paper copies of documents abstracted in ERIC. Back collections of ERIC documents, annual subscriptions, cumulative indexes, and other ERIC-related products are also available from EDRS. Users can conveniently order ERIC documents by toll-free phone call, fax, mail, or online (through DIALOG, BRS, and OCLC). Call EDRS for more information.

**ERIC Processing and Reference Facility**
CSC Professional Services Group
1301 Piccard Drive, Suite 300
Rockville, MD 20850–4305
Toll Free: (800) 799–ERIC (3742)
Telephone: (301) 258–5500
Fax: (301) 948–3695
Internet: ericfac@inet.ed.gov

The ERIC Processing and Reference Facility is a central editorial and computer processing agency that coordinates document processing and database-building activities for ERIC; performs acquisition, lexicographic, and reference functions; and maintains systemwide quality control standards. The ERIC Facility also prepares *Resources in Education* (*RIE*), ERIC Ready References, and other products.

## Publishers

**Oryx Press**
4041 North Central Avenue, Suite 700
Phoenix, AZ 85012–3397
Toll Free: (800) 279–ORYX (6799)
Telephone: (602) 265–2651
Fax: (800) 279–4663; (602) 265–6250
Internet: arhjb@asuvm.inre.asu.edu

Oryx Press publishes *Current Index to Journals in Education* (*CIJE*), the *Thesaurus of ERIC Descriptors*, and other ERIC products.

**United States Government Printing Office (GPO)**
Superintendent of Documents
P.O. Box 371954
Pittsburgh, PA 15250–7954
Telephone: (202) 783–3238
Fax: (202) 512–2250

GPO publishes *Resources in Education*.

# Part 3

Libraries and resource centers can make ERIC available on even a modest budget. The ERIC database is available in print, online, and on CD-ROM. Full-text copies of ERIC documents can be ordered either on microfiche or paper.

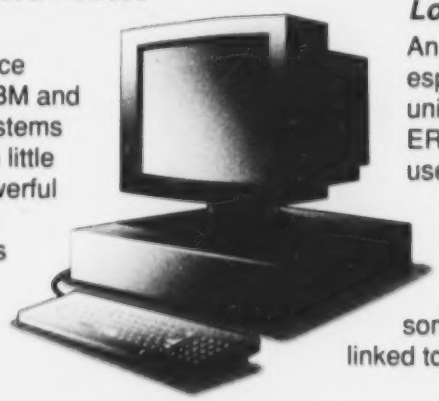
## Computer Searching

### CD-ROM

In 1986 ERIC became the first major bibliographic database marketed on CD-ROM, and this product has been extremely popular ever since. CD-ROM (compact disk, read-only memory) technology allows vast quantities of data to be stored on compact disks, which are searchable at self-contained personal computer stations. To access the ERIC database on CD-ROM, you need to have a personal computer, a CD-ROM system, and a subscription to one of the CD-ROM vendors.

ERIC CD-ROM products are updated quarterly and sold on a set-fee subscription basis, which makes them a cost-effective option for libraries that offer open access. Advances in networking technology allow multiple users to access a single CD-ROM database simultaneously; ask any vendor about a multiuse license.

Five vendors currently produce ERIC on CD-ROM for both IBM and Macintosh platforms. The systems are designed to be used with little instruction, yet they offer powerful search features. For a list of CD-ROM vendors' addresses and phone numbers, see page 34.



### Online Access Through Commercial Services

Online access to ERIC is available through several commercial vendors. Most of these vendors offer sophisticated search capabilities, the ability to access the entire ERIC database (from 1966 to the latest month) at once, and access to a host of other databases that may interest users. One must be trained in the vendor's search language to make use of the most powerful search capabilities, therefore this type of searching is usually performed by librarians and other professionals. Costs include membership fee and charges based on the number of minutes connected to the service and the number of citations downloaded.

OCLC, or the Online Computer Library Center, is an online bibliographic utility used by thousands of libraries around the world. OCLC offers FirstSearch, an information service designed for direct use by library patrons. ERIC is one of many databases accessible through FirstSearch. Fees and access policies for this service are determined by the host library.

Commercial online vendors' addresses and phone numbers are listed on page 34.

### Locally Mounted Systems

An increasing number of institutions, especially universities and state university systems, are mounting ERIC data on their mainframes for use by their clientele. The host institutions bear the cost of maintaining the database, select the search software, and determine their own access policies. In some cases, the ERIC database is linked to the library's online public access

catalog (OPAC) and searched with the same interface. To buy the ERIC database tapes for programming and mounting, call the ERIC Processing and Reference Facility at 1–800–799–ERIC (or see the Facility's address and local phone number on page 22).

### *Print Indexes*

Manual searching of ERIC can be provided by subscribing to the print indexes: *Resources in Education (RIE)* and *Current Index to Journals in Education (CIJE)*.

*Resources in Education* covers the educational document literature and contains five types of indexes: subject, author, institution, publication type, and Clearinghouse/ED number. *RIE* is printed monthly and is available by subscription from:

**United States Government Printing Office (GPO)**
Superintendent of Documents
P.O. Box 371954
Pittsburgh, PA 15250–7954
Telephone: (202) 783–3238
Fax: (202) 512–2250

*Current Index to Journals in Education* covers articles from more than 800 periodicals and has author, subject, and journal contents indexes. It is printed monthly and available by subscription from:

**Oryx Press**
4041 North Central Avenue, Suite 700
Phoenix, AZ 85012–3397
Toll Free: (800) 279–ORYX
Telephone: (602) 265–2651
Fax: (800) 279–4663
(602) 265–6250

### *ERIC Microfiche*

Approximately 95 percent of the documents announced in ERIC are available on microfiche from the ERIC Document Reproduction Service (EDRS). More than 900 organizations subscribe to the complete ERIC microfiche collection, and others subscribe to partial or subject-specific collections.

Libraries and resource centers with substantial budgets will want to invest in the entire ERIC microfiche collection, but you can purchase specialized collections that suit your budget and your specific areas of interest. Subject-specific collections are available in each of the 16 areas covered by the ERIC Clearinghouses. For example, you can purchase a microfiche collection on elementary and early childhood education or on reading and communication skills. EDRS also sells special collections on current hot topics, including alternative assessment; restructuring schools; multicultural education; and black history, culture, and literature.

To learn more about ERIC microfiche collections, contact:

**ERIC Document Reproduction Service (EDRS)**
7420 Fullerton Road, Suite 110
Springfield, VA 22153–2852
Toll Free: (800) 443–ERIC (3742)
Telephone: (703) 440–1400
Fax: (301) 440–1408

### The *Thesaurus of ERIC Descriptors*

An essential book purchase for any site that offers access to ERIC is the *Thesaurus of ERIC Descriptors*. The *Thesaurus* is the master list of ERIC's nearly 10,000 subject headings used in indexing and searching. To get the best results from an ERIC search, users should start by converting their search question to the most appropriate ERIC descriptors. The *Thesaurus* includes complete cross-reference structures and rotated and hierarchical displays.

To order the *Thesaurus*, call Oryx Press at 1–800–279–ORYX.

# Other ERIC Resources for Libraries and Information Centers

## ERIC Training Materials

### ERIC Video

*ERIC: In Action* offers viewers a broad perspective on ERIC as their premier source for education information. The 15-minute video covers four major topics:

- basic structure,
- major benefits,
- key index features, and
- options for locating materials.

*ERIC: In Action* is available for $15* from the ERIC Clearinghouse on Information & Technology (see address on page 18).

### ERIC Overhead Transparency Masters

ACCESS ERIC now offers a set of 33 ERIC overhead transparency masters that present an introduction to the database, describe the work of the ERIC Clearinghouses, and discuss electronic access to ERIC information. They are invaluable to librarians, professors, inservice directors, and others in need of ERIC training tools. The transparency masters (paper copies) are available free from ACCESS ERIC, 1–800–LET–ERIC.

### Training Materials from ERIC Clearinghouses

Many of the ERIC Clearinghouses produce training materials designed for specific audiences. For example the ERIC Clearinghouse on Rural Education and Small Schools offers *A Parent's Guide to the ERIC Database*, and the ERIC Clearinghouse on Disabilities and Gifted Education produces *How to Use ERIC to Search Your Special Education Topic*. If you are interested in subject-specific materials that explain ERIC, contact the appropriate clearinghouses. (See complete list in Part 2.)

## Onsite Training

ERIC staff are available to conduct training programs, seminars, and workshops. If you have a group that could benefit from expert training on how to use ERIC, contact one of the clearinghouses or ACCESS ERIC at 1–800–LET–ERIC.

## Reference and Referral Directories

*Catalog of ERIC Clearinghouse Publications*

This catalog lists more than 1,400 current education titles, including teaching guides, bibliographies, research summaries, and monographs, published by the ERIC Clearinghouses. Many of the publications are free, others are available at a minimal cost. The *Catalog* also includes ordering information and prices and is available for $10* from ACCESS ERIC.

*Directory of ERIC Information Service Providers*

Research organizations, libraries, and schools will want a copy of this free directory for use by patrons and staff. It lists more than 1,050 agencies and organizations (including addresses, telephone numbers, and services available) that provide computerized searches of the ERIC database, have a sizable collection of ERIC microfiche, and/or subscribe to and collect ERIC publications.

*ERIC Directory of Education-Related Information Centers*

The *Directory* identifies and describes 450 resource centers and other agencies that provide information synthesis, user services, technical assistance, information dissemination, and/or reference and referral services in education-related areas. The *Directory* is available in print ($20*) or on disk ($25*) from ACCESS ERIC.

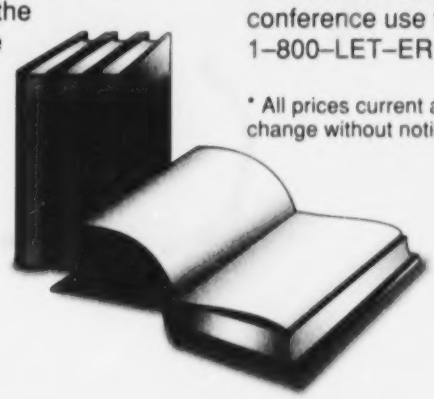
*ERIC Calendar of Education-Related Conferences*

The *Calendar* provides a chronological listing of the more than 525 international, national, and regional education-related conferences held each calendar year. Subject, sponsoring organization, and geographic indexes are included. The *Calendar* is available in print ($20*) and on disk ($25*) from ACCESS ERIC.

All of the reference and referral directories described above are available from ACCESS ERIC and several are available online. For more information call ACCESS ERIC at 1–800–LET–ERIC.

## ERIC *Indexes and Search Aids*

A number of free and low-cost publications available from the ERIC Processing and Reference Facility are useful references for libraries and information centers that provide access to ERIC. These include: the *ERIC Identifier Authority List*, the *ERIC/RIE Title Index*, and the *Institutional Source Directory*.



The Facility also produces a series of free *ERIC Ready References* designed to provide a maximum amount of information on a single, well-defined topic related to the ERIC database. Current titles include: "What Kinds of Documents are in the ERIC Database (RIE)?," "Journals Currently Covered by CIJE," and "Field Labels/Tags in Use by Online and CD-ROM System Vendors for the ERIC Database."

For pricing information and a complete list of available indexes and search aids, contact the ERIC Processing and Reference Facility at 1–800–799–ERIC.

## *Additional Systemwide Publications*

*The ERIC Review*

This free journal provides education practitioners (especially teachers, professors, principals, and education students) with research and news. It announces important ERIC developments, new products and services, and presents recent research findings and critical trends and issues in education. To request a specific issue or to be added to the mailing list, call ACCESS ERIC at 1–800–LET–ERIC.

*A Pocket Guide to ERIC*

This free, handy reference guide briefly describes the ERIC system, its services and products, and their use. Bulk quantities are available for classroom, seminar, or conference use from ACCESS ERIC at 1–800–LET–ERIC.

* All prices current as of March 1994; prices subject to change without notice.

# ERIC Partners

In addition to serving end users and ERIC information service providers, the ERIC system wants to maintain close links with other education-related organizations and constituent groups. That's why ERIC has developed a constantly growing network of partners.

ERIC partners facilitate the exchange of education information between ERIC and its constituents. Partners broaden the dissemination and use of ERIC information within the education community. Specifically, they:

- promote ERIC among existing, as well as new, audiences;
- disseminate ERIC information to constituents through their newsletters and journals;
- enhance the ERIC database through the addition of documents; and
- encourage joint projects such as workshops and conferences.

In turn, partners enjoy many benefits from the Clearinghouse with which they are associated, including:

- VIP service, featuring quick turnaround in handling requests;
- free or discounted ERIC-produced publications;
- advance notice of materials distributed by the ERIC system; and
- technical assistance and support.

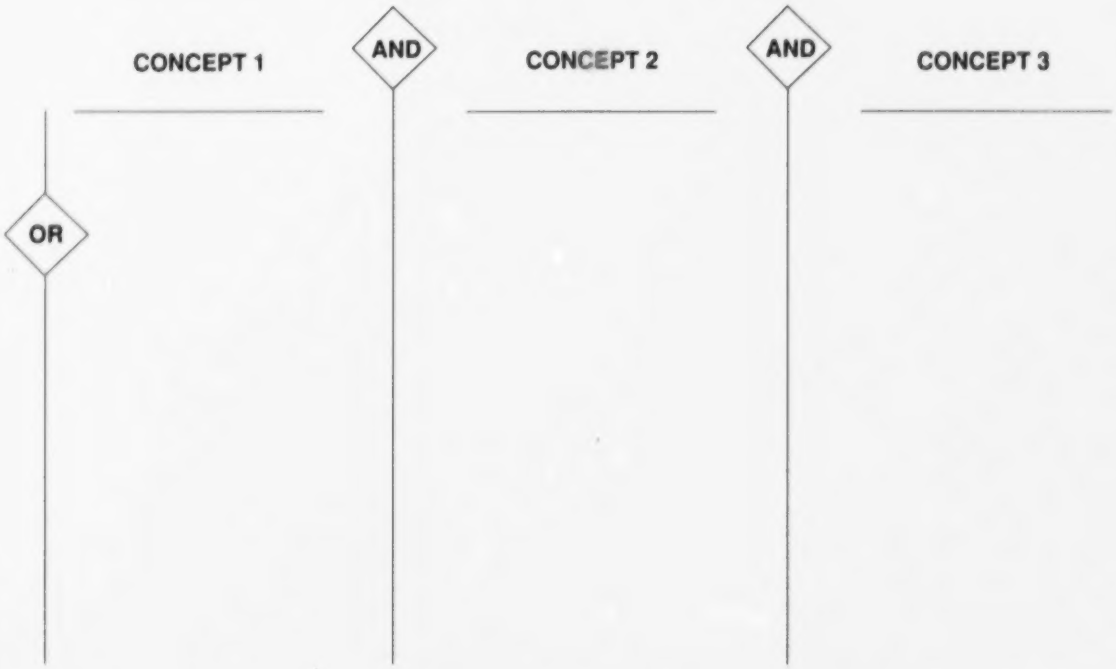
Any agency or organization with a constituency interested in education and willing to distribute ERIC information may become a partner by contacting ACCESS ERIC at 1–800–LET–ERIC or any ERIC Clearinghouse (see Part 2).

# *Appendixes*

# ERIC Search Worksheet

***TOPIC***

***CONCEPTS and ERIC DESCRIPTORS***




***ADDITIONAL LIMITATIONS***

(e.g., document types, educational level/age group, publication dates, etc.)

## *Online Vendors*

**BRS Information Technologies**
8000 Westpark Drive
McLean, VA 22102–9980
Toll Free: (800) 955–0906
Telephone: (703) 442–0900
Fax: (703) 893–4632

**Data-Star/Dialog**
Plaza Suite
114 Jermyn Street
London SW1Y 6HJ
Telephone: +44 71 930 7646
Fax: +44 71 930 2581

**DIALOG Information Services**
3460 Hillview Avenue
Palo Alto, CA 94304
Toll Free: (800) 334–2564
Telephone: (415) 858–2700
Fax: (415) 858–7069

**GTE Educational Network Services**
5525 MacArthur Boulevard, Suite 320
Irving, TX 75038
Toll Free: (800) 927–3000
Telephone: (214) 518–8500
Fax: (214) 751–0964

**OCLC (Online Computer Library Center)**
6565 Frantz Road
Dublin, OH 43017–0702
Toll Free: (800) 848–5878
Telephone: (614) 764–6000
Fax: (614) 764–6096

## *CD-ROM Vendors*

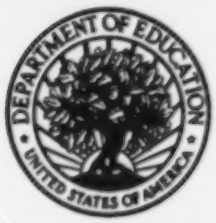
**DIALOG Information Services**
(address at left)

**EBSCO Publishers**
83 Pine Street
P.O. Box 2250
Peabody, MA 01960–7250
Toll Free: (800) 653–2726
Telephone: (508) 535–8500
Fax: (508) 535–8523

**National Information Services Corporation (NISC)**
Wyman Towers, Suite 6
3100 St. Paul Street
Baltimore, MD 21218
Telephone: (410) 243–0797
Fax: (410) 243–0982

**Oryx Press**
4041 North Central Avenue
Suite 700
Phoenix, AZ 85012–3397
Toll Free: (800) 279–ORYX (6799)
Telephone: (602) 265–2651
Fax: (800) 279–4663
(602) 265–6250

**SilverPlatter Information, Inc.**
100 River Ridge Drive
Norwood, MA 02062–5026
Toll Free: (800) 343–0064
Telephone: (617) 769–2599
Fax: (617) 769–8763



**U.S. DEPARTMENT OF EDUCATION**
*Office of Educational Research and Improvement (OERI)*
*Educational Resources Information Center (ERIC)*

ERIC

# REPRODUCTION RELEASE

(Specific Document)

## I. DOCUMENT IDENTIFICATION:

| | |
|---|---|
| Title: | |
| Author(s): | |
| Corporate Source: | Publication Date: |

## II. REPRODUCTION RELEASE:

In order to disseminate as widely as possible timely and significant materials of interest to the educational community, documents announced in the monthly abstract journal of the ERIC system, *Resources in Education* (RIE), are usually made available to users in microfiche, reproduced paper copy, and electronic/optical media, and sold through the ERIC Document Reproduction Service (EDRS) or other ERIC vendors. Credit is given to the source of each document, and, if reproduction release is granted, one of the following notices is affixed to the document.

If permission is granted to reproduce the identified document, please CHECK ONE of the following options and sign the release below.

☐ Sample sticker to be affixed to document — Sample sticker to be affixed to document ☐

**Check here**

Permitting microfiche (4" x 6" film), paper copy, electronic, and optical media reproduction

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

_____

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

Level 1

"PERMISSION TO REPRODUCE THIS MATERIAL IN OTHER THAN PAPER COPY HAS BEEN GRANTED BY

_____

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

Level 2

**or here**

Permitting reproduction in other than paper copy

## Sign Here, Please

Documents will be processed as indicated provided reproduction quality permits. If permission to reproduce is granted, but neither box is checked, documents will be processed at Level 1.

"I hereby grant to the Educational Resources Information Center (ERIC ) nonexclusive permission to reproduce this document as indicated above. Reproduction from the ERIC microfiche or electronic/optical media by persons other than ERIC employees and its system contractors requires permission from the copyright holder. Exception is made for non-profit reproduction by libraries and other service agencies to satisfy information needs of educators in response to discrete inquiries."

| | |
|---|---|
| **Signature:** | Position: |
| Printed Name: | Organization: |
| Address: | Telephone Number: ( ) |
| | Date: |



Over

## III. DOCUMENT AVAILABILITY INFORMATION (FROM NON-ERIC SOURCE):

If permission to reproduce is not granted to ERIC, *or*, if you wish ERIC to cite the availability of this document from another source, please provide the following information regarding the availability of the document. (ERIC will not announce a document unless it is publicly available, and a dependable source can be specified. Contributors should also be aware that ERIC selection criteria are significantly more stringent for documents which cannot be made available through EDRS).

| Publisher/Distributor: | |
|---|---|
| Address: | |
| Price Per Copy: | Quantity Price: |

## IV. REFERRAL OF ERIC TO COPYRIGHT/REPRODUCTION RIGHTS HOLDER:

If the right to grant a reproduction release is held by someone other than the addressee, please provide the appropriate name and address:

Name and address of current copyright/reproduction rights holder:

Name:

Address:

## V. WHERE TO SEND THIS FORM:

Send this form to the following ERIC Clearinghouse:

If you are making an unsolicited contribution to ERIC, you may return this form (and the document being contributed) to:

**ERIC Facility**
**1301 Piccard Drive, Suite 300**
**Rockville, Maryland 20850-4305**
**Telephone: 301-258-5500**
**Fax: 301-948-3695**
**800: 800-799-ERIC (3742)**
**Internet: ericfac@inet.ed.gov**

**Adjunct Clearinghouses** — Clearinghouses that are associated with and contribute to the ERIC system, and have narrower scopes than the 16 major ERIC Clearinghouses. Adjuncts often have funding from sources other than the Office of Educational Research and Improvement. Adjuncts are usually affiliated with one of the major clearinghouses and perform many of the same functions.

**Boolean Logic** — A system, named after the English mathematician George Boole, for symbolizing logical statements by using the operators AND, OR, and NOT. Boolean logic is often used in information retrieval to define the limits of a computer search. The Boolean operator AND finds records containing both terms, OR finds records containing either one or both terms, NOT finds records containing the first term but not the second.

**CD-ROM** — Acronym for "compact-disk, read-only-memory." These disks can hold up to 250,000 pages of text which can be searched and retrieved using microcomputers. The ERIC database is available in this format from several vendors.

**Clearinghouses** — Components of the ERIC system that are funded to collect, abstract, and index education materials for the ERIC database; respond to requests for information in their subject areas; and produce special publications on current research, programs, and practices.

**Descriptors** — Subject terms used to index and search for documents and journal articles in the ERIC database.

**Digests** — Two-page research syntheses or overviews of education topics.

**ERIC Information Service Provider** — A library or other information center that provides individuals with access to the ERIC database and related resources. ERIC Information Service Providers do one or more of the following: provide online or CD-ROM access to the ERIC database; maintain sizeable collections of ERIC microfiche; and subscribe to and collect ERIC publications, including *Resources in Education* (*RIE*), *Current Index to Journals in Education* (*CIJE*), the *Thesaurus of ERIC Descriptors*, and/or ERIC Clearinghouse publications.

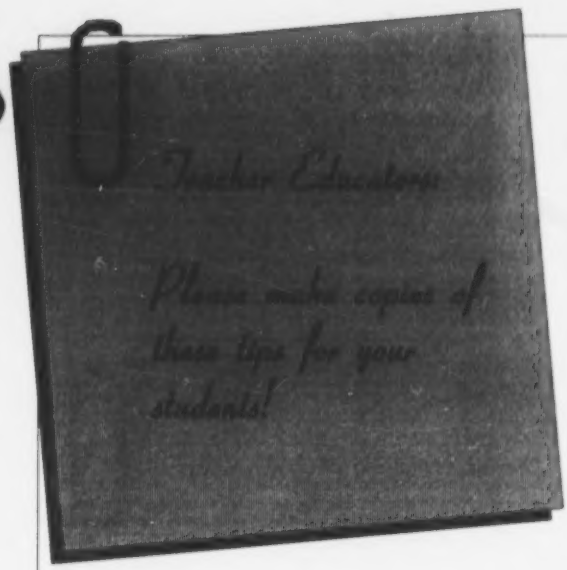
**ERIC Partners** — Agencies and organizations with constituencies interested in education that have expressed a willingness to facilitate the exchange of information between ERIC and their constituents.

**Identifiers** — Searchable key words used to index documents and journal articles in the ERIC database. Identifiers are used to index geographic locations, personal names, test or program names, and other concepts not covered by descriptors.

**Internet** — The international computer network consisting of many smaller networks that are interconnected.

**Online** — An "online" function is performed with the user in direct contact with the computer, interacting in real time.

**Online Vendors** — Organizations that maintain databases and related software on their computer systems and sell online retrieval time to clients at multiple remote locations.




# ERIC: TIPS FOR TEACHERS IN TRAINING

*If you're a teacher or planning to be one, you owe it to yourself and your students to learn about ERIC. ERIC is the personable acronym for the Educational Resources Information System, the largest education database in the world. Today's ERIC continues to be your best source for searching the education literature, but the new ERIC has much more!*

## THE ERIC DATABASE

At the heart of ERIC is the largest education database in the world—containing more than 800,000 records of journal articles, research reports, curriculum and teaching guides, conference papers, and books. Each year, approximately 30,000 new records are added. Whether your assignment concerns the latest teaching methods, educational approaches, or research, start by searching ERIC.

## ERIC NOW OFFERS YOU:

- ✔ toll-free numbers that put you in touch with subject-specific clearinghouses
- ✔ more than 1,000 two-page, research synthesis publications: in print and electronic formats
- ✔ a 48-hour turnaround, electronic question-answering service
- ✔ access from your personal computer
- ✔ hundreds of lesson plans you can access and download to your computer
- ✔ document ordering via fax or toll-free phone call

. . . . . .

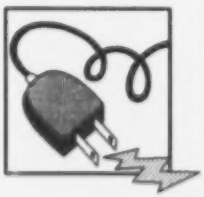
## WHERE CAN YOU FIND ERIC?

You can probably search the ERIC database at your university library. If you have a computer with a modem, you may be able to access ERIC on your library's online system or on the Internet.

Even the commercial electronic networks now offer many of the ERIC resources. CompuServe, America Online, GTE Educational Network Services, America Tomorrow, and the National Education Association's NEA Online service all offer at least some of the ERIC resources to their members.

If you need help locating the best way for you to access ERIC, call ACCESS ERIC Monday–Friday at 1–800–LET–ERIC.

## ERIC ON THE INTERNET



Many colleges and universities offer their students access to the Internet (a worldwide computer network made up of many smaller networks that are interconnected).

If you have an Internet ID, you can use it to:

- ✔ search the ERIC database on one of several university library systems

(continued ☞)

- ✔ copy lesson plans from Newton's Apple and Academy One
- ✔ send a question about education to AskERIC (e-mail to **askeric@ericir.syr.edu**)
- ✔ get CNN Newsroom and Discovery Channel materials
- ✔ search the Educational Testing Service (ETS) Test Collection
- ✔ search the ERIC Digests Online file of more than 1,000 two-page, research syntheses on current topics

For details on locating ERIC on the Internet, send an e-mail message to:

**askeric@ericir.syr.edu**

or call ACCESS ERIC (1–800–LET–ERIC) or the ERIC Clearinghouse on Information & Technology (1–800–464–9107).

. . . . . .

## ERIC DIGESTS ONLINE

ERIC is your source when you need a **brief** overview of the latest research on topics like:

- ▶ outcome-based education
- ▶ inclusion of students with disabilities in regular classrooms
- ▶ non-graded and mixed-age grouping
- ▶ increasing the school involvement of Hispanic parents
- ▶ authentic writing assessment
- ▶ trends in K–12 social studies

These and more than 1,000 other topics are available as ERIC Digests, and new titles are produced each year. Digests are often in question-answer format and always include a list of additional resources for more information. Most of the Digests in the file were produced by ERIC Clearinghouses, but ERIC is now including similar publications from other organizations.

You can search and locate the **complete texts** of ERIC Digests on the CD-ROM versions of the ERIC database (available at hundreds of university libraries) and on the Internet. You can also contact the ERIC Clearinghouse that covers your topic and ask for its latest Digest list.

. . . . . .

## DON'T FORGET ERIC WHEN YOU GET TO THE CLASSROOM!

ERIC is a great resource for education students, and a large percentage of the information requests to ERIC last year came from classroom teachers. Every week close to 300 teachers send questions to AskERIC's e-mail address. Electronic networks for teachers in Texas, New York, Massachusetts, Washington, Florida, and Missouri feature ERIC on their menu systems, as do a number of regional and school district networks. If you're on a network, ERIC is likely to be there now or soon. For teachers who don't yet have computer network access, ERIC is available in many large public libraries and at teacher resource centers.

. . . . . .

## GIVE ERIC A CALL!

Toll-free phone numbers put you within easy reach of ERIC information specialists. Staff provide ERIC publications, answer questions about ERIC, help you locate hard-to-find documents, and refer you to other information sources. It is best to call an ERIC Clearinghouse if you have a subject-specific question. You can call ACCESS ERIC to learn how to use the ERIC system. Call the ERIC Document Reproduction Service (EDRS) toll-free (1–800–443–ERIC) to order ERIC documents. See the ERIC System Directory or call ACCESS ERIC (1–800–LET–ERIC) for the toll-free numbers. ☎

. . . . . .

*ERIC: Tips for Teachers in Training* was written by Lynn Smarte, Project Director, ACCESS ERIC, 1600 Research Boulevard, Rockville, MD, 1–800–LET–ERIC.



1994 - 300-803 - #14/12976

United States
Department of Education
Washington, DC 20208–5720

Official Business
Penalty for Private Use, $300

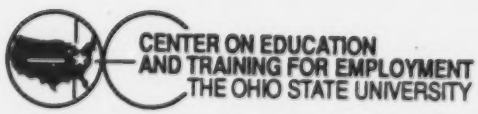
ERIC 94–5018

# *Your Guide to*

# ERIC®

# *Transparency Masters*

ERIC®
Clearinghouse on Adult, Career,
and Vocational Education



# Lesson One

# Transparency Packet

# Educational Resources Information Center

---

# Your Education Information Network

# ERIC Components

## These components support the ERIC System by processing, producing, and disseminating education information.

- ☐ ACCESS ERIC
- ☐ ERIC Document Reproduction Service (EDRS)
- ☐ ERIC Processing and Reference Facility
- ☐ Oryx Press

## The ERIC Clearinghouses

**The ERIC System sponsors clearinghouses in the following areas:**

| ERIC Clearinghouse | Host |
|---|---|
| Adult, Career, and Vocational Education | The Ohio State University |
| Assessment and Evaluation | The Catholic University of America |
| Community Colleges | University of California at Los Angeles |
| Counseling and Student Services | University of North Carolina at Greensboro |
| Disabilities and Gifted Education | Council for Exceptional Children |

## The ERIC Clearinghouses (cont'd)

| ERIC Clearinghouse | Host |
|---|---|
| Elementary and Early Childhood Education | University of Illinois |
| Information & Technology | Syracuse University |
| Educational Management | University of Oregon |
| Higher Education | The George Washington University |
| Languages and Linguistics | Center for Applied Linguistics |
| Reading, English, and Communication | Indiana University |

## The ERIC Clearinghouses (cont'd)

| ERIC Clearinghouse | Host |
|---|---|
| Rural Education and Small Schools | Appalachia Educational Laboratory |
| Science, Mathematics, and Environmental Education | The Ohio State University |
| Social Studies/Social Science Education | Indiana University |
| Teaching and Teacher Education | American Association of Colleges for Teacher Education |
| Urban Education | Teachers College, Columbia University |

# Composition of the ERIC Database

| *Resources in Education* (RIE) | + | *Current Index to Journals in Education* (CIJE) | = | the ERIC database |
|---|---|---|---|---|
| 450,000 education documents | + | 350,000 journal articles | = | 800,000 records |
| ED numbers | | EJ numbers | | |

# PURPOSE

- DATABASE BUILDING AND MAINTENANCE
- MAJOR PUBLICATION PRODUCTION
- USER PRODUCTS AND SERVICES

# What Is in the ERIC Database?

**In addition to journal articles, which make up about half the database, ERIC includes the following types of documents:**

- **Research reports**
- **Books**
- **Conference papers and proceedings**
- **Program descriptions**
- **Opinion papers**
- **Teaching guides**
- **Curriculum**
- **State-of-the-art reviews**
- **Feasibility and evaluation studies**
- **Tests and questionnaires**
- **Instructional materials**
- **Bibliographies**
- **Legislative materials**
- **Speeches and presentations**

# Access to the ERIC Database

**You can access and review abstracts of education journal articles and documents in the ERIC database:**

- **Online via a computer and modem, through commercial vendors and public networks.**

- **On CD-ROM (compact disc, read-only memory).**

- **In print, using RIE and CIJE.**

# SELECTION CRITERIA

| | | |
|---|---|---|
| CONTENT QUALITY | CONTRIBUTION TO KNOWLEDGE | SIGNIFICANCE |
| RELEVANCE | EFFECTIVENESS OF PRESENTATION | NEWNESS |
| INNOVATIVENESS | RELATION TO CURRENT PRIORITIES | TIMELINESS |
| INTENDED AUDIENCE | THOROUGHNESS OF REPORTING | COMPREHENSIVENESS |
| ADAPTABILITY | AUTHORITY OF SOURCE | REPRODUCIBILITY |

# ERIC Clearinghouse Publications

## Clearinghouse Brochures

## Informational Brochures

## Major Publications

## Information Bulletins

## ERIC Digests

## Bibliographies

# TYPES OF CLEARINGHOUSE PRODUCTS

| | |
|---|---|
| **ERIC Digests** | **Publications on research findings and their practical applications.** |
| **Informational Brochures** | **Publications that include information about the Clearinghouse, its products and services.** |
| **Information Bulletins** | **News of the ERIC system, summaries of major publications, information about ERIC/ACVE services, the ERIC File, and order forms.** |
| **Mini-bibliographies** | **Short, often annotated lists of citations from the ERIC database.** |
| **Packaged Searches** | **Abstracts from the database on frequently requested topics.** |
| **Major Publications** | **Comprehensive papers that review and synthesize research in a particular field, examine important trends and issues, or offer guidelines for practice that are based on research.** |

# ERIC Systemwide Products

**Free:**

- **A Pocket Guide to ERIC**
- **All about ERIC**
- **The ERIC Review**
- **Directory of ERIC Information Providers**

**Request your copies by calling (800) LET-ERIC.**

# Lesson Two

# Transparency Packet

# SELECTION CRITERIA

| | | |
|---|---|---|
| CONTENT QUALITY | CONTRIBUTION TO KNOWLEDGE | SIGNIFICANCE |
| RELEVANCE | EFFECTIVENESS OF PRESENTATION | NEWNESS |
| INNOVATIVENESS | RELATION TO CURRENT PRIORITIES | TIMELINESS |
| INTENDED AUDIENCE | THOROUGHNESS OF REPORTING | COMPREHENSIVENESS |
| ADAPTABILITY | AUTHORITY OF SOURCE | REPRODUCIBILITY |

# How to Submit Your Documents to ERIC

- Prepare one legible copy of your document.
- Complete a Reproduction Release Form.
- Submit to the appropriate ERIC clearinghouse (or to the ERIC Processing and Reference Facility if you are unsure which clearinghouse is appropriate).

# Lesson Three

# Transparency Packet

# CHOOSE APPROPRIATE DESCRIPTORS FOR AN ERIC SEARCH

**DESCRIBE THE TOPIC YOU WISH TO INVESTIGATE AND UNDERLINE THE WORDS AND PHRASES KEY TO THE TOPIC**

**IDENTIFY THE SUBTOPICS OF THE INFORMATION YOU WISH TO INVESTIGATE**

**TRANSLATE YOUR TOPIC AND SUBTOPICS INTO ERIC DESCRIPTORS USING THE THESAURUS OF ERIC DESCRIPTORS**

**LOCATE THE DESCRIPTORS YOU HAVE IDENTIFIED IN THE ALPHABETICAL DESCRIPTOR DISPLAY**

**MAKE A FINAL LIST OF THE DESCRIPTORS MOST LIKELY TO HAVE BEEN USED IN THE INDEXING PROCESS TO REPRESENT THE CHOSEN TOPIC**

## SAMPLE ENTRY

| Social Studies | Descriptor |
|---|---|
| Jul 1966 | ADD DATE - date descriptor first used. |
| CIJE: 3,578 RIE: 5,347 | POSTING NOTE - number of times descriptor used in CIJE and RIE. |
| SN Social studies consist of adaptations of knowledge from the social sciences for teaching purposes at the elementary and secondary levels of education | SN - SCOPE NOTE - brief statements of intended usage of descriptor. Useful when trying to decide among descriptors. |
| UF Social Studies Units (1966 1980)* | UF - USE FOR - these terms are synonyms that are not used by ERIC. |
| NT Civics | NT - NARROWER TERM - terms with more specific meanings than the descriptor. Use the narrowest term appropriate to your need. |
| BT Curriculum<br>Social Sciences | BT - BROADER TERM - terms whose meaning encompasses the descriptor, and more. Use if the first search retrieves too few citations. |
| RT Anthropology<br>Controversial Issues (Course Content)<br>Cultural Education<br>Current Events<br>Economics<br>Geography<br>History<br>Locational Skills (Social Skills)<br>Political Science<br>Social Problems<br>Social Science Research<br>U.S. Government (Course)<br>World Affairs | RT - RELATED TERM - terms that are synonyms for the descriptor. It is sometimes a good idea to use several RTs and combine them with OR when developing your search strategy. |

# DOCUMENT RESUMES

RESOURCES
IN EDUCATION
Educational Resources
Information Center

RIE

## Indexes

## SUBJECT

## AUTHOR

## INSTITUTION

Search by Title, Author . . .

# MAIN ENTRIES

## Indexes

Current Index to Journals in Education

# CIJE

## SUBJECT

## AUTHOR

## JOURNAL CONTENTS

116

117

#3.5

**ERIC Document Resume (RIE)**

ED300621 CE051284

Program Development: A Description of Practice Related to Theory.

Paprock, Kenneth E.

Oct 1988

21p.; Paper presented at the conference Teaching Adults: Myths and Realities (Cincinnati, OH, October 7-8, 1988).

EDRS Price - MF01/PC01 Plus Postage.

Language: English

Document Type: CONFERENCE PAPER (150); Research REPORT (143)

Geographic Source: U.S.; Texas

Journal Announcement: RIEAPR89

A study examined the situation-specific program development strategies used in 47 different settings in the southwestern United States from January 1987 to January 1988. Specialized and elite interviews were administered to program developers to identify the approaches that are being used and to determine how they relate to the approaches described in the adult education literature. The responses given during the interviews indicated that most of the programs for adult learners were focused on problem solving and information giving and were normatively defined by the sponsoring agency, with the program developer acting as a solution giver and resource linker. The information gathered during the interviews indicated that what is being practiced in reality is not what is prescribed by any one approach in the literature. It was hypothesized that program developers who state that theories and formulas in the literature do not always apply in their situation may have factors and forces in their situation that may call for adjustments or modifications of the approaches advocated in the literature. The interviews conducted would seem to indicate that program development can be viewed as a process used to link various agent and client systems for the deliberately undertaken action of learning. (MN)

Descriptors: *Adult Education; *Curriculum Development; *Educational Practices; *Educational Research; *Program Development; *Research Utilization; *Theory Practice Relationship

**ERIC Journal Article Resume (CIJE)**

EJ444013 CE523768

Will It Be Alright on the Night? Notes towards a Theory of Practice.

Allman, Paula; Wallis, John

Adults Learning (England), v3 n7 p186-87 Mar 1992

ISSN: 0955-2308

Available From: UMI

Language: English

Document Type: JOURNAL ARTICLE (080); POSITION PAPER (120)

Journal Announcement: CIJSEP92

Are there adult education activities that can claim a right to existence and public subsidy, or is value defined only in terms of consumption? Resolution of this issue necessitates basing practice on theory so that the "why" of education is not excluded by the "how." (SK)

Descriptors: *Adult Education; Adult Educators; *Educational Demand; *Educational Economics; *Educational Practices; *Theory Practice Relationship

# Lesson Four

# Transparency Packet

# Locating Documents Cited in ERIC

**Items identified with "ED" followed by six digits are documents. You can get the full text by—**

- **Going to a library or other site with an ERIC microfiche collection**
- **Ordering a microfiche or paper copy from:**

  **ERIC Document Reproduction Service (EDRS)**
  **(800) 433-ERIC**

- **Ordering directly from the producer (if one is listed in the "Availability" field of the ERIC database record)**

# Locating Journal Articles Cited in ERIC

**Items identified with "EJ" followed by six digits are from education journals. You can get them by—**

- **Checking your local public, research, or university library**
- **Requesting them through interlibrary loan**
- **Ordering them from a reprint service such as**

  **University Microfilms International (UMI)**
  **(800) 521-0600, Ext. 2786**

  **Institute for Scientific Information (ISI)**
  **(800) 523-1850**

# What the ERIC Support Components Do

**ERIC clearinghouse provide subject-specific expertise. The support components are responsible for basic operations as follows:**

- **ACCESS ERIC (800) LET-ERIC**
  - **Answers questions about ERIC and its products and services**
  - **Helps you locate a place to do an ERIC database search**
  - **Refers you to appropriate sources for information**
  - **Produces systemwide publications**
  - **Provides ERIC information on commercial computer networks**

# What the ERIC Support Components Do

- **ERIC Document Reproduction Service**
  **(800) 443-ERIC**

  - **Offers the full text of most ERIC documents in microfiche and paper copy (Fax and express mail delivery available for an additional fee.)**

  - **Provides ERIC microfiche collections to more than 900 institutions**

  - **Produces specialized microfiche collections on such topics as multicultural education and school restructuring**

# What the ERIC Support Components Do

- **ERIC Processing and Reference Facility (800) 799-ERIC**
  - **Coordinates database building and maintenance**
  - **Provides machine-readable tapes of the ERIC database and ERIC Digests Online to those who want to provide ERIC to others**
  - **Publishes the *ERIC Identifier Authority List***



100

# AskERIC on the Internet

**What is it?**

**A free Internet-based question-answering and education reference and referral service for anyone with an education-related question.**

**How does it work?**

**Just e-mail your education question to:**

**askeric@ericir.syr.edu**
**(the ERIC Clearinghouse on Information and Technology)**

**Within 48 hours, you will receive a response that may include the full text of ERIC Digests, a "mini-search" of the ERIC database, and referrals to resource organizations.**

# AskERIC on the Commercial Networks

**ERIC information—ranging from full-text brochures and ERIC Digests to prepared database searches—is available on various commercial networks, including—**

- **America Online**
- **America Tomorrow**
- **CompuServe**
- **GTE Education Services**

**In months to come, full AskERIC services will be provided on these networks. For more information, call (800) LET-ERIC.**

# USER SERVICES

**QUESTION ANSWERING**

**REFERRALS**

**COMPUTER SEARCHES**

**WORKSHOPS**

**CONFERENCE PRESENTATIONS**

**ORIENTATIONS**





Obtain Other . . .

#4.8

# Contacting the ERIC Clearinghouses

**You can reach the staff of the ERIC Clearinghouses by—**

- **calling their toll-free numbers,**
- **sending electronic mail,**
- **mailing a letter or postcard,**
- **visiting their booths at professional conferences, or**
- **attending their presentations or workshops.**

# Your Guide to ERIC

by Bettina A. Lankard

This curriculum package for ERIC users and trainers may be used in a workshop or independently by individuals. The package includes four learning modules, a set of transparencies for each module, relevant ERIC publications, and a set of *Quick Search Cards*, which give step-by-step instructions for searching ERIC on CD-ROM. The first module is an introduction to ERIC and its products and services, and the second explains what types of documents are included in the database, the criteria used to select them, and how to submit documents. The third module covers how to search ERIC, types of searches, appropriate descriptors, and proven search strategies. The last unit describes how to obtain ERIC documents, journal articles, information, and services.

**Published by**
**the ERIC Clearinghouse on Adult, Career, and Vocational Education**

---

*Your Guide to ERIC* by Bettina A. Lankard, order no. IN 360, $30.00 (includes Quick Search Cards)

*ERIC Quick Search Cards*, order no. IN 360QS, $5.00

Add $3.50 minimum shipping and handling. Discounts up to 25% on quantity orders. Mastercard and Visa are accepted. Orders of $10.00 or less should be prepaid. Send to Publications, Center on Education and Training for Employment, 1900 Kenny Road, Columbus, OH 43210-1090

Number of copies _____ Total cost $ _____

Name _____

Address _____

_____

Telephone _____ CHARGE TO: Visa _____ Mastercard _____

Credit Card Number _____ Exp. Date _____

Signature _____

ERIC/ACVE is sponsored by the Office of Educational Research and Improvement,
U.S. Department of Education